

	Issue Date	Pages	Document ID	Title
1	20010522	37	US 6235729 B1	Uses of phospholipase C inhibitors

	Issue Date	Pages	Document ID	Title
1	20030403	14	US 20030064495 A1	Novel human kinase proteins and polynucleotides encoding the same
2	20030130	36	US 20030023065 A1	Novel human ATPase proteins and polynucleotides encoding the same
3	20030130	17	US 20030023063 A1	Novel human kinases and polynucleotides encoding the same
4	20030109	20	US 20030009021 A1	Novel human proteases and polynucleotides encoding the same
5	20030102	14	US 20030004328 A1	Novel human G-coupled protein receptor kinases and polynucleotides encoding the same
6	20021121	16	US 20020173641 A1	Novel human carboxypeptidases and polynucleotides encoding the same
7	20021107	14	US 20020165376 A1	Novel human proteases and polynucleotides encoding the same
8	20021031	78	US 20020161213 A1	Novel human kinases and polynucleotides encoding the same
9	20021031	29	US 20020161207 A1	Novel murine polynucleotide sequences and mutant cells and mutant animals defined thereby
10	20021010	21	US 20020147320 A1	Novel human kinase proteins and polynucleotides encoding the same
11	20020926	16	US 20020137913 A1	Novel human kinases and polynucleotides encoding the same
12	20020912	17	US 20020128458 A1	Novel human kinases and polynucleotides encoding the same
13	20020829	33	US 20020120113 A1	Novel human proteases and polynucleotides encoding the same
14	20020829	147	US 20020119463 A1	Prostate cancer markers
15	20020815	18	US 20020110908 A1	Novel human kinases and polynucleotides encoding the same

	Issue Date	Pages	Document ID	Title
16	20020815	36	US 20020110809 A1	Novel human polynucleotides and polypeptides encoded thereby
17	20020808	16	US 20020107384 A1	Novel human kinase and polynucleotides encoding the same
18	20020801	296	US 20020102543 A1	Novel murine polynucleotide sequences and mutant cells and mutant animals defined thereby
19	20020718	36	US 20020095031 A1	Novel human polynucleotides and polypeptides encoded thereby
20	20020627	10	US 20020082406 A1	Novel human kinase interacting protein and polynucleotides encoding the same
21	20020627		US 20020081668 A1	Novel murine polynucleotide sequences and mutant cells and mutant animals defined thereby
22	20020627	20	US 20020081600 A1	Novel human kinase proteins and polynucleotides encoding the same
23	20020418	13	US 20020045743 A1	Novel human membrane proteins and polynucleotides encoding the same
24	20020411	14	US 20020042503 A1	Novel human G-coupled protein receptor kinases and polynucleotides encoding the same
25	20020404		US 20020039581 A1	Antibodies against CTLA4 and uses therefor
26	20020328	54	US 20020038011 A1	Novel human kinases and polynucleotides encoding the same
27	20020328	12	US 20020038009 A1	Novel human kinase protein and polynucleotides encoding the same
28	20020321		US 20020034799 A1	Novel human transporter protein and polynucleotides encoding the same
29	20011025		US 20010034437 A1	Novel human proteases and polynucleotides encoding the same

	Issue Date	Pages	Document ID	Title
30	20030617	75	US 6579710 B2	Human kinases and polynucleotides encoding the same
31	20030415		US 6548271 B1	Nucleic acids encoding human transporter proteins
32	20030401	11	US 6541252 B1	Human kinases and polynucleotides encoding the same
33	20030318		US 6534655 B1	Indeno[1,2-C]pyrazole derivatives for inhibiting tyrosine kinase activity
34	20030128	27	US 6511840 B1	Human kinase proteins and polynucleotides encoding the same
35	20021105	17	US 6476210 B2	Human kinases and polynucleotides encoding the same
36	20021008	35	US 6462186 B1	Human ATPase proteins and polynucleotides encoding the same
37	20020903	15	US 6444456 B1	Human G-coupled protein receptor kinases and polynucleotides encoding the same
38	20020827	20	US 6441154 B1	Human proteases and polynucleotides encoding the same
39	20020827	16	US 6441153 B1	Human carboxypeptidases and polynucleotides encoding the same
40	20011002	36	US 6297238 B1	Therapeutic agents
41	20010522	37	US 6235729 B1	Uses of phospholipase C inhibitors

	Issue Date	Pages	Document ID	Title
42	19971125		US 5691156 A	Method of inhibiting cell growth with the P.sub.2U receptor
43	19970304		US 5607836 A	Methods of detecting compounds which bind to the P.sub.2U receptor
44	19970121		US 5596088 A	DNA Encoding the human P.sub.2U receptor and null cells expressing P.sub.2U receptors
45	19940705		US 5326558 A	Megakaryocytopoietic factor

	L #	Hits	Search Text
1	L1	36003	kinase\$2
2	L2	348073	human
3	L3	11094	11 same 12
4	L4	462998	clon\$3 or express\$2 or recombinant
5	L5	4719	13 same 14
6	L6	74412	brain or cerebellum or prostate or adrenal
7	L7	128711	thyroid or pancreas or heart or salivary or stomach
8	L8	165739	16 or 17
9	L9	958	15 same 18
10	L10	66	donoho.in.
11	L11	28	hilbun.in.
12	L12	3758	turner.in.

	L #	Hits	Search Text
13	L13	58	zambrowicz.in.
14	L14	344	sands.in.
15	L15	13	l10-l14
16	L16	4111	l10 or l11 or l12 or l13 or l14
17	L17	1	19 and l16
18	L18	45	15 and l16

=> d his

(FILE 'HOME' ENTERED AT 08:54:44 ON 01 JUL 2003)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 08:55:32 ON 01 JUL 2003

L1 1090522 S KINASE?
L2 1344 S HUMAN (A)L1
L3 6013004 S CLON? OR EXPRESS? OR RECOMBINANT
L4 895 S L2 AND L3
L5 3305135 S BRAIN OR CEREBELUM OR PROSTATE OR TESTIS OR ADRENAL
L6 3654948 S THYROID OR PANCREAS OR HEART OR SALIVARY OR STOMACH
L7 209 S L4 AND L5
L8 105 S L4 AND L6
L9 249 S L7 OR L8
L10 202 DUP REM L9 (47 DUPLICATES REMOVED)
L11 374311 S SERINE OR THREONINE
L12 56 S L10 AND L11
E DONOHO G/AU
L13 62 S E3
L14 132 S E3-E9
E HILBUN E/AU
L15 54 S E3-E4
E TURNER C A/AU
L16 241 S E3-E9
E FRIEDRICH G/AU
L17 830 S E3
E ZAMBROWICZ B/AU
L18 75 S E3
L19 260 S E3-E9
E SANDS A T/AU
L20 120 S E3
L21 1293 S L12 OR L14 OR L15 OR L16 OR L17 OR L18 OR L20
L22 56 S L12 AND L21
L23 56 DUP REM L22 (0 DUPLICATES REMOVED)
L24 58 S L10 AND L21

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NEWS	4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	7	Sep 03	JAPIO has been reloaded and enhanced
NEWS	8	Sep 16	Experimental properties added to the REGISTRY file
NEWS	9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	11	Oct 24	BEILSTEIN adds new search fields
NEWS	12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	13	Nov 18	DKILIT has been renamed APOLLIT
NEWS	14	Nov 25	More calculated properties added to REGISTRY
NEWS	15	Dec 04	CSA files on STN
NEWS	16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEx enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 20	EVENTLINE will be removed from STN
NEWS	28	Mar 24	PATDPAFULL now available on STN
NEWS	29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	30	Apr 11	Display formats in DGENE enhanced
NEWS	31	Apr 14	MEDLINE Reload
NEWS	32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	33	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS	34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	35	Apr 28	RDISCLOSURE now available on STN
NEWS	36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS	38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS	39	May 16	CHEMREACT will be removed from STN
NEWS	40	May 19	Simultaneous left and right truncation added to WSCA
NEWS	41	May 19	RAPRA enhanced with new search field, simultaneous left and

right truncation
NEWS 42 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 43 Jun 06 PASCAL enhanced with additional data
NEWS 44 Jun 20 2003 edition of the FSTA Thesaurus is now available
NEWS 45 Jun 25 HSDB has been reloaded

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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specific topic.

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FILE 'HOME' ENTERED AT 08:54:44 ON 01 JUL 2003

=> file medline embase biosis biotechds scisearch hcaplus ntis lifesci
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ENTRY SESSION
FULL ESTIMATED COST 0.21 0.21

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FILE 'LIFESCI' ENTERED AT 08:55:32 ON 01 JUL 2003
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=> s kinase?

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L1      1090522 KINASE?

=> s human (a)l1
L2      1344 HUMAN (A) L1

=> s clon? or express? or recombinant
      3 FILES SEARCHED...
L3      6013004 CLON? OR EXPRESS? OR RECOMBINANT

=> s l2 and l3
L4      895 L2 AND L3

=> s brain or cerebellum or prostate or testis or adrenal
L5      3305135 BRAIN OR CEREBELUM OR PROSTATE OR TESTIS OR ADRENAL

=> s thyroif pncreas or heart or salivary or stomach
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SEARCH ENDED BY USER

=> s thyroid pancreas or heart or salivary or stomach
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SEARCH ENDED BY USER
SEARCH ENDED BY USER

=> s thyroid or pancreas or heart or salivary or stomach
L6      3654948 THYROID OR PANCREAS OR HEART OR SALIVARY OR STOMACH

=> d his

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(FILE 'HOME' ENTERED AT 08:54:44 ON 01 JUL 2003)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 08:55:32 ON 01 JUL 2003

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L1      1090522 S KINASE?
L2      1344 S HUMAN (A) L1
L3      6013004 S CLON? OR EXPRESS? OR RECOMBINANT
L4      895 S L2 AND L3
L5      3305135 S BRAIN OR CEREBELUM OR PROSTATE OR TESTIS OR ADRENAL
L6      3654948 S THYROID OR PANCREAS OR HEART OR SALIVARY OR STOMACH

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=> s l5 or l6

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Desk by telephone or via SEND in the STNMAIL file.

=> s l4 and l5

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L7      209 L4 AND L5

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=> s l4 and l6

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L8      105 L4 AND L6

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=> s l7 or l8

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L9      249 L7 OR L8

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=> dup rem l9

PROCESSING COMPLETED FOR L9

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L10     202 DUP REM L9 (47 DUPLICATES REMOVED)

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=> s serine or threonine
L11 374311 SERINE OR THREONINE

=> s l10 and l11
L12 56 L10 AND L11

=> d 1-56 ibib

L12 ANSWER 1 OF 56 MEDLINE
ACCESSION NUMBER: 2002359354 MEDLINE
DOCUMENT NUMBER: 22097604 PubMed ID: 12103360
TITLE: The identification and subcellular localization of human MRK.
AUTHOR: Yang Tao; Jiang Yunai; Chen Jiangye
CORPORATE SOURCE: State Key Laboratory of Molecular Biology, Institute of Biochemistry and Cell Biology, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, China.
SOURCE: BIOMOLECULAR ENGINEERING, (2002 Jun) 19 (1) 1-4.
Journal code: 100928062. ISSN: 1389-0344.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200212
ENTRY DATE: Entered STN: 20020710
Last Updated on STN: 20021228
Entered Medline: 20021227

L12 ANSWER 2 OF 56 MEDLINE
ACCESSION NUMBER: 2000483169 MEDLINE
DOCUMENT NUMBER: 20445994 PubMed ID: 10990492
TITLE: Isolation and **expression** of PASK, a **serine/threonine** kinase, during rat embryonic development, with special emphasis on the **pancreas**.
AUTHOR: Miao N; Fung B; Sanchez R; Lydon J; Barker D; Pang K
CORPORATE SOURCE: Ontogeny, Inc., Cambridge, Massachusetts 02138-1118, USA.
SOURCE: JOURNAL OF HISTOCHEMISTRY AND CYTOCHEMISTRY, (2000 Oct) 48 (10) 1391-400.
Journal code: 9815334. ISSN: 0022-1554.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200010
ENTRY DATE: Entered STN: 20001019
Last Updated on STN: 20020420
Entered Medline: 20001010

L12 ANSWER 3 OF 56 MEDLINE
ACCESSION NUMBER: 92348472 MEDLINE
DOCUMENT NUMBER: 92348472 PubMed ID: 1639825
TITLE: **Expression** of TTK, a novel human protein kinase, is associated with cell proliferation.
AUTHOR: Mills G B; Schmandt R; McGill M; Amendola A; Hill M; Jacobs K; May C; Rodricks A M; Campbell S; Hogg D
CORPORATE SOURCE: Oncology Research, Toronto General Hospital, Ontario, Canada.
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1992 Aug 5) 267 (22) 16000-6.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-M86699; GENBANK-M94136; GENBANK-M94137;
GENBANK-M94138; GENBANK-M94139; GENBANK-M94140;
GENBANK-M94141; GENBANK-M94142; GENBANK-M94143;
GENBANK-M94144
ENTRY MONTH: 199208
ENTRY DATE: Entered STN: 19920911
Last Updated on STN: 19920911
Entered Medline: 19920828

L12 ANSWER 4 OF 56 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:74113 BIOSIS
DOCUMENT NUMBER: PREV200200074113
TITLE: Cell volume-regulated **human kinase**
h-sgk.
AUTHOR(S): Lang, Florian (1); Waldegger, Siegfried
CORPORATE SOURCE: (1) Im Rotbad 52, 72076 Tübingen Germany
PATENT INFORMATION: US 6326181 December 04, 2001
SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (Dec. 4, 2001) Vol. 1253, No. 1, pp. No
Pagination. ftp://ftp.uspto.gov/pub/patdata/. e-file.
ISSN: 0098-1133.
DOCUMENT TYPE: Patent
LANGUAGE: English

L12 ANSWER 5 OF 56 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2000:266075 BIOSIS
DOCUMENT NUMBER: PREV200000266075
TITLE: Characterization of hPRP4 kinase activation: Potential role
in signaling.
AUTHOR(S): Huang, Yong (1); Deng, Tiliang; Winston, Brent W. (1)
CORPORATE SOURCE: (1) Department of Medicine, University of Calgary, Calgary,
Alberta, T2N 4N1 Canada
SOURCE: Biochemical and Biophysical Research Communications, (May
10, 2000) Vol. 271, No. 2, pp. 456-463. print..
ISSN: 0006-291X.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L12 ANSWER 6 OF 56 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2003-01882 BIOTECHDS
TITLE: New peptides related to **serine/threonine**
protein kinase subfamily, useful for treating disorders
associated with abnormal **expression** of kinase in
prostate, lungs and **brain**, in drug
screening assays and pharmacogenomic analysis;
recombinant protein production and sense and
antisense sequence use in gene therapy
AUTHOR: BEASLEY E M; YE J; YAN C; KETCHUM K A; DI FRANCESCO V
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002059288 1 Aug 2002
APPLICATION INFO: WO 2002-US930 15 Jan 2002
PRIORITY INFO: US 2001-819607 29 Mar 2001; US 2001-263162 23 Jan 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-599781 [64]

L12 ANSWER 7 OF 56 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2002-17807 BIOTECHDS

TITLE: Nucleic acid molecules encoding calcium/calmodulin-dependent protein kinases, useful for preventing diagnosing and treating e.g. cancers, psoriasis and inflammation;
recombinant protein production by
vector-mediated gene transfer and **expression** in
host cell, useful for gene therapy

AUTHOR: YE J; YAN C; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: US 6387677 14 May 2002
APPLICATION INFO: US 2001-800960 8 Mar 2001
PRIORITY INFO: US 2001-800960 8 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-478444 [51]

L12 ANSWER 8 OF 56 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI

ACCESSION NUMBER: 2002-12233 BIOTECHDS

TITLE: New **recombinant**, modified adenovirus vectors for
regulating transgene **expression** in tumor cells,
useful in gene therapy, particularly for treating cancers,
e.g. cervical, lung, liver or breast;
adeno virus vector-mediated gene transfer and
expression in cancer cell for **recombinant**
protein production and cancer gene therapy

AUTHOR: LIEBER A; STEINWAERDER D S; CARLSON C A; MI J
PATENT ASSIGNEE: UNIV WASHINGTON
PATENT INFO: WO 2001083796 8 Nov 2001
APPLICATION INFO: WO 2000-US14428 3 May 2000
PRIORITY INFO: US 2000-202367 3 May 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-240307 [29]

L12 ANSWER 9 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2003:409169 HCAPLUS

DOCUMENT NUMBER: 138:380506

TITLE: Genes that are differentially expressed during
erythropoiesis and their diagnostic and therapeutic
uses

INVENTOR(S): Brissette, William H.; Neote, Kuldeep S.; Zagouras,
Panayiotis; Zenke, Martin; Lemke, Britt; Hacker,
Christine

PATENT ASSIGNEE(S): Pfizer Products Inc., USA; Max-Delbruck-Centre for
Molecular Medicine

SOURCE: PCT Int. Appl., 285 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003038130	A2	20030508	WO 2002-XA34888	20021031
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,			

CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

WO 2003038130 A2 20030508 WO 2002-US34888 20021031

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

PRIORITY APPLN. INFO.:

US 2001-335048P P 20011031
US 2001-335183P P 20011102
WO 2002-US34888 A 20021031

L12 ANSWER 10 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2003:305167 HCAPLUS

DOCUMENT NUMBER: 138:298879

TITLE: Human 12.54-kDa **serine/threonine**
protein kinase like protein and its cDNA and
therapeutic use

INVENTOR(S): Mao, Yumin; Xie, Yi

PATENT ASSIGNEE(S): Bode Gene Development Co., Ltd., Shanghai, Peop. Rep.
China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 34 pp.
CODEN: CNXXEV

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1358851	A	20020717	CN 2000-127893	20001213
PRIORITY APPLN. INFO.:			CN 2000-127893	20001213

L12 ANSWER 11 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2003:221864 HCAPLUS

DOCUMENT NUMBER: 138:249732

TITLE: Gene **expression** profiling for identification
of disease genes for use in drug screening and therapy

INVENTOR(S): Bristow, Michael R.; Minobe, Wayne A.; Lowes, Brian
D.; Perryman, Benjamin M.

PATENT ASSIGNEE(S): The Regents of the University of Colorado, USA

SOURCE: PCT Int. Appl., 74 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003023066	A1	20030320	WO 2002-US28808	20020911
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,			

PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

US 2003096782 A1 20030522 US 2002-241368 20020911
PRIORITY APPLN. INFO.: US 2001-318854P P 20010911
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 12 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2003:97550 HCAPLUS
DOCUMENT NUMBER: 138:164674
TITLE: Molecular markers for hepatocellular carcinoma and
their use in diagnosis and therapy
INVENTOR(S): Debuschewitz, Sabine; Jobst, Juergen; Kaiser, Stephan
PATENT ASSIGNEE(S): Germany
SOURCE: PCT Int. Appl., 98 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003010336	A2	20030206	WO 2002-EP8305	20020725
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

DE 10136273 A1 20030213 DE 2001-10136273 20010725
PRIORITY APPLN. INFO.: DE 2001-10136273 A 20010725

L12 ANSWER 13 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:981604 HCAPLUS
TITLE: Identification of residues which regulate activity of
the STE20-related kinase hMINK
AUTHOR(S): Lim, Jaeseung; Lennard, Andrew; Sheppard, Paul W.;
Kellie, Stuart
CORPORATE SOURCE: Yamanouchi Research Institute, Oxford, OX4 4SX, UK
SOURCE: Biochemical and Biophysical Research Communications
(2003), 300(3), 694-698
CODEN: BBRCA9; ISSN: 0006-291X
PUBLISHER: Elsevier Science
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 14 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:941845 HCAPLUS
DOCUMENT NUMBER: 138:21334

TITLE: Protein, gene and cDNA sequences of a novel human protein kinase related to **serine/threonine** kinase and their uses in drug screening

INVENTOR(S): Yan, Chunhua; Li, Zhenya; Neelam, Beena; Difrancesco, Valentina; Beasley, Ellen M.

PATENT ASSIGNEE(S): PE Corporation (Ny), USA

SOURCE: U.S., 107 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6492156	B1	20021210	US 2001-984890	20011031
WO 2003038115	A2	20030508	WO 2002-US34869	20021031

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-984890 A 20011031

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 15 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:732013 HCAPLUS

DOCUMENT NUMBER: 138:1084

TITLE: Human **serine/threonine** protein kinase-like protein, protein and cDNA sequences, **recombinant** production and therapeutic uses

INVENTOR(S): Mao, Yumin; Xie, Yi

PATENT ASSIGNEE(S): Shanghai Bode Gene Development Co., Ltd., Peop. Rep. China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 38 pp.
CODEN: CNXXEV

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1329157	A	20020102	CN 2000-116663	20000621

PRIORITY APPLN. INFO.: CN 2000-116663 20000621

L12 ANSWER 16 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:696559 HCAPLUS

DOCUMENT NUMBER: 137:227754

TITLE: Protein, gene and cDNA sequences of a novel **human kinase** protein related to **serine/threonine** protein kinase and their uses in drug screening

INVENTOR(S): Ye, Jane; Yan, Chunhua; Di Francesco, Valentina;

PATENT ASSIGNEE(S): Beasley, Ellen M.
SOURCE: USA
U.S. Pat. Appl. Publ., 174 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002127683	A1	20020912	US 2001-801876	20010309
US 6492155	B2	20021210		
US 2003027307	A1	20030206	US 2002-254869	20020926
PRIORITY APPLN. INFO.:			US 2001-801876	A3 20010309

L12 ANSWER 17 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:575249 HCAPLUS
DOCUMENT NUMBER: 137:136141
TITLE: Human protein kinase, its cDNA and protein sequences,
and use thereof
INVENTOR(S): Yu, Xuanchuan; Miranda, Maricar; Friddle, Carl Johan
PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
SOURCE: PCT Int. Appl., 50 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002059325	A2	20020801	WO 2001-US50497	20011220
WO 2002059325	A3	20030320		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2002123622	A1	20020905	US 2001-28946	20011220
PRIORITY APPLN. INFO.:			US 2000-258335P	P 20001227

L12 ANSWER 18 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:488124 HCAPLUS
DOCUMENT NUMBER: 137:59517
TITLE: Human AURORA-1 and AURORA-2 kinases, cDNA and amino acid sequences, and **recombinant** production
INVENTOR(S): Plowman, Gregory; Mossie, Kevin
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 43 pp., Cont.-in-part of U.S. Ser. No. 5,268, abandoned.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 2002081578	A1	20020627	US 1998-12135	19980122
CN 1205740	A	19990120	CN 1996-199101	19961125
US 5962312	A	19991005	US 1996-755728	19961125
CA 2318352	AA	19990729	CA 1999-2318352	19990121
WO 9937788	A2	19990729	WO 1999-US1283	19990121
WO 9937788	A3	19990930		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9925605	A1	19990809	AU 1999-25605	19990121
EP 1051500	A2	20001115	EP 1999-905450	19990121
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002508937	T2	20020326	JP 2000-528695	19990121
US 6207401	B1	20010327	US 1999-283011	19990331
PRIORITY APPLN. INFO.:				
			US 1995-8809P	P 19951218
			US 1996-23943P	P 19960814
			US 1996-755728	A2 19961125
			US 1998-5268	B2 19980109
			US 1998-12135	A 19980122
			WO 1999-US1283	W 19990121

L12 ANSWER 19 OF 56 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:404409 HCAPLUS
 DOCUMENT NUMBER: 137:152764
 TITLE: Alternative splice variants of doublecortin-like kinase are differentially **expressed** and have different kinase activities
 AUTHOR(S): Burgess, Harold A.; Reiner, Orly
 CORPORATE SOURCE: Department of Molecular Genetics, Weizmann Institute of Science, Rehovot, 76100, Israel
 SOURCE: Journal of Biological Chemistry (2002), 277(20), 17696-17705
 CODEN: JBCHA3; ISSN: 0021-9258
 PUBLISHER: American Society for Biochemistry and Molecular Biology
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 20 OF 56 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:391912 HCAPLUS
 DOCUMENT NUMBER: 137:1836
 TITLE: Measurement of DNA methylation for analysis of the toxicology of substances
 INVENTOR(S): Olek, Alexander; Piepenbrock, Christian; Berlin, Kurt
 PATENT ASSIGNEE(S): Epigenomics Ag, Germany
 SOURCE: PCT Int. Appl., 113 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2002040710	A2	20020523	WO 2001-EP12951	20011108
WO 2002040710	A3	20030530		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM,				
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,				
LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL,				
PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,				
US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,				
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10056802	A1	20020529	DE 2000-10056802	20001114
AU 2002023672	A5	20020527	AU 2002-23672	20011108
PRIORITY APPLN. INFO.:			DE 2000-10056802 A	20001114
			WO 2001-EP12951 W	20011108

L12 ANSWER 21 OF 56 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:293825 HCAPLUS
 DOCUMENT NUMBER: 136:321268
 TITLE: Protein and cDNA sequences of **human**
kinase sequence homologs
 INVENTOR(S): Turner, C. Alexander, Jr.; Mathur, Brian
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
 SOURCE: PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002031129	A2	20020418	WO 2001-US32010	20011011
WO 2002031129	A3	20030206		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,				
PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,				
UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,				
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002013183	A5	20020422	AU 2002-13183	20011011
US 2002128458	A1	20020912	US 2001-975326	20011011
US 6476210	B2	20021105		
US 2003023063	A1	20030130	US 2002-217357	20020809
PRIORITY APPLN. INFO.:			US 2000-239821P P	20001012
			US 2001-975326 A1	20011011
			WO 2001-US32010 W	20011011

L12 ANSWER 22 OF 56 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:177948 HCAPLUS
 DOCUMENT NUMBER: 137:74937
 TITLE: Phosphorylation of a novel zinc-finger-like protein,
 ZPR9, by murine protein **serine/**
threonine kinase 38 (MPK38)
 AUTHOR(S): Seong, Hyun-A.; Gil, Minchan; Kim, Kyong-Tai; Kim,
 Sung-Jin; Ha, Hyunjung
 CORPORATE SOURCE: Department of Biochemistry, School of Life Sciences,
 Research Center for Bioresource and Health, Chungbuk

SOURCE: National University, Chungbuk, 361-763, S. Korea
 Biochemical Journal (2002), 361(3), 597-604
 CODEN: BIJOAK; ISSN: 0264-6021
 PUBLISHER: Portland Press Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 23 OF 56 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:72748 HCAPLUS
 DOCUMENT NUMBER: 136:146104
 TITLE: Human stress genes identified using DNA microarrays
 INVENTOR(S): Chenchik, Alex; Lukashev, Matvey E.
 PATENT ASSIGNEE(S): Clontech, USA
 SOURCE: U.S. Pat. Appl. Publ., 57 pp., Cont.-in-part of U.S.
 Ser. No. 441,920.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002009730	A1	20020124	US 2001-782909	20010213
PRIORITY APPLN. INFO.:			US 1998-222256	B2 19981228
			US 1999-440305	B2 19991117
			US 1999-441920	A2 19991117

L12 ANSWER 24 OF 56 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:868653 HCAPLUS
 DOCUMENT NUMBER: 136:15959
 TITLE: Nucleic acid encoding a human **serine/**
threonine protein kinase and its screening and
 therapeutic uses
 INVENTOR(S): Wei, Ming-hi; Zhu, Shiao ping; Woodage, Trevor; Di
 Francesco, Valentina; Beasley, Ellen M.
 PATENT ASSIGNEE(S): Applera Corporation, USA
 SOURCE: PCT Int. Appl., 66 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001090328	A2	20011129	WO 2001-US16760	20010524
WO 2001090328	A3	20020718		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG US 6482935 B1 20021119 US 2000-691861 20001018 EP 1290185 A2 20030312 EP 2001-937689 20010524 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 US 2003022232 A1 20030130 US 2002-259740 20020930
 PRIORITY APPLN. INFO.: US 2000-206550P P 20000524
 US 2000-691861 A 20001018
 WO 2001-US16760 W 20010524

L12 ANSWER 25 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:851353 HCAPLUS

DOCUMENT NUMBER: 136:2248

TITLE: Human and mouse neuronal **serine-threonine** protein kinases and cDNAs and methods for diagnosis and treatment of neurological diseases and cancer

INVENTOR(S): Schneider, Armin; Klaussner, Bettina; Fischer, Achim; Newrzella, Dieter; Goetz, Bernhard; Rossner, Moritz; Eisenhardt, Gisela; Kuner, Rohini; Trutzel, Annette; Kammandel, Birgitta; Jomana, Naim Stephanie; Schwaninger, Markus

PATENT ASSIGNEE(S): Basf-Lynx Bioscience A.-G., Germany

SOURCE: PCT Int. Appl., 75 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001088108	A1	20011122	WO 2001-EP5660	20010517
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:				
GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 10024171	A1	20011220	DE 2000-10024171	20000517
EP 1282700	A1	20030212	EP 2001-936370	20010517
R:				
AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

PRIORITY APPLN. INFO.: DE 2000-10024171 A 20000517
 WO 2001-EP5660 W 20010517

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 26 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:763200 HCAPLUS

DOCUMENT NUMBER: 135:328144

TITLE: Novel human protein and cDNA sequences of kinases and its therapeutic use

INVENTOR(S): Plowman, Gregory; Whyte, David; Manning, Gerard; Sudarsanam, Sucha; Martinez, Ricardo; Caenepeel, Sean

PATENT ASSIGNEE(S): Sugen, Inc., USA

SOURCE: PCT Int. Appl., 167 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001077338	A2	20011018	WO 2001-US11675	20010410
WO 2001077338	A3	20020829		

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CO, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1278859	A2	20030129	EP 2001-924901	20010410
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

PRIORITY APPLN. INFO.:

US 2000-195953P	P	20000410
US 2000-201015P	P	20000501
US 2000-213805P	P	20000622
WO 2001-US11675	W	20010410

L12 ANSWER 27 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:711043 HCAPLUS

DOCUMENT NUMBER: 136:275290

TITLE: WNK kinases, a novel protein kinase subfamily in multi-cellular organisms

AUTHOR(S): Verissimo, Fatima; Jordan, Peter

CORPORATE SOURCE: Centre for Human Genetics, National Institute of Health "Dr. Ricardo Jorge", Lisbon, 1649-016, Port.

SOURCE: Oncogene (2001), 20(39), 5562-5569

CODEN: ONCNES; ISSN: 0950-9232

PUBLISHER: Nature Publishing Group

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 28 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:618177 HCAPLUS

DOCUMENT NUMBER: 135:191337

TITLE: Protein and cDNA sequences of novel **human kinase** homologs and uses thereof in diagnosis, therapy and drug screening

INVENTOR(S): Walke, D. Wade; Hu, Yi; Nepomnichy, Boris; Turner, C.

Alexander, Jr.; Zambrowicz, Brian

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 70 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001061016	A2	20010823	WO 2001-US5356	20010215
WO 2001061016	A3	20020207		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,

ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 US 2002038011 A1 20020328 US 2001-783320 20010215
 EP 1257652 A2 20021120 EP 2001-912839 20010215
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 PRIORITY APPLN. INFO.: US 2000-183582P P 20000218
 US 2000-184014P P 20000222
 WO 2001-US5356 W 20010215

L12 ANSWER 29 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:397023 HCAPLUS
 DOCUMENT NUMBER: 135:30738
 TITLE: Novel human protein kinases and protein kinase-like
 enzymes and their cDNA sequences
 INVENTOR(S): Plowman, Gregory D.; Whyte, David; Manning, Gerard;
 Sudarsanam, Sucha; Martinez, Ricardo; Flanagan, Peter;
 Clary, Douglas
 PATENT ASSIGNEE(S): Sugan, Inc., USA
 SOURCE: PCT Int. Appl., 433 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001038503	A2	20010531	WO 2000-US32085	20001122
WO 2001038503	A3	20020131		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG EP 1240194 A2 20020918 EP 2000-982200 20001122 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR JP 2003514583 T2 20030422 JP 2001-540254 20001122 PRIORITY APPLN. INFO.: US 1999-167482P A1 19991124 WO 2000-US32085 W 20001122				

L12 ANSWER 30 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:368058 HCAPLUS
 DOCUMENT NUMBER: 135:328609
 TITLE: Novel type of signaling molecules: protein kinases
 covalently linked with ion channels
 AUTHOR(S): Ryazanova, L. V.; Pavur, K. S.; Petrov, A. N.;
 Dorovkov, M. V.; Ryazanov, A. G.
 CORPORATE SOURCE: Department of Pharmacology, Robert Wood Johnson
 Medical School, University of Medicine and Dentistry
 of New Jersey, Piscataway, NJ, 08854, USA
 SOURCE: Molecular Biology (Moscow, Russian Federation, English
 Language) (Translation of Molekulyarnaya Biologiya)
 (2001), 35(2), 271-283
 CODEN: MOLBBJ; ISSN: 0026-8933

PUBLISHER: MAIK Nauka/Interperiodica Publishing
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 31 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:756836 HCAPLUS
DOCUMENT NUMBER: 133:318300
TITLE: Human homologs of Drosophila fused gene and protein
INVENTOR(S): Mosca, Monica; Isacchi, Antonella
PATENT ASSIGNEE(S): Pharmacia & Upjohn S.p.A, Italy
SOURCE: PCT Int. Appl., 64 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000063352	A2	20001026	WO 2000-EP2761	20000329
WO 2000063352	A3	20010201		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1171580	A2	20020116	EP 2000-926771	20000329
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002541837	T2	20021210	JP 2000-612431	20000329
PRIORITY APPLN. INFO.: GB 1999-8798 A 19990416				
WO 2000-EP2761 W 20000329				

L12 ANSWER 32 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:756527 HCAPLUS
DOCUMENT NUMBER: 133:325643
TITLE: Antifibrotic formulations containing inhibitors of cell-volume-regulated **human kinase** h-sgk
INVENTOR(S): Lang, Florian; Waldegger, Siegfried; Wagner, Carsten; Broer, Stefan; Klingel, Karin
PATENT ASSIGNEE(S): Germany
SOURCE: PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000062781	A1	20001026	WO 2000-EP3578	20000419
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,				

TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
DE 19917990 A1 20001102 DE 1999-19917990 19990420
BR 2000009914 A 20020108 BR 2000-9914 20000419
EP 1171131 A1 20020116 EP 2000-922655 20000419
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
JP 2002542196 T2 20021210 JP 2000-611917 20000419
NO 2001005054 A 20011214 NO 2001-5054 20011017
PRIORITY APPLN. INFO.: DE 1999-19917990 A 19990420
WO 2000-EP3578 W 20000419

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 33 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:668346 HCAPLUS
DOCUMENT NUMBER: 134:14614
TITLE: SPAK, a STE20/SPS1-related kinase that activates the
p38 pathway
AUTHOR(S): Johnston, Anne M.; Naselli, Gaetano; Gonez, L. Jorge;
Martin, Roland M.; Harrison, Leonard C.; DeAizpurua,
Henry J.
CORPORATE SOURCE: Autoimmunity and Transplantation Division, The Walter
and Eliza Hall Institute of Medical Research,
Parkville, 3050, Australia
SOURCE: Oncogene (2000), 19(37), 4290-4297
CODEN: ONCNES; ISSN: 0950-9232
PUBLISHER: Nature Publishing Group
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 34 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:341453 HCAPLUS
DOCUMENT NUMBER: 133:131554
TITLE: Characterization of PDZ-binding kinase, a mitotic
kinase
AUTHOR(S): Gaudet, Suzanne; Branton, Daniel; Lue, Robert A.
CORPORATE SOURCE: Department of Molecular and Cellular Biology, Harvard
University, Cambridge, MA, 02138, USA
SOURCE: Proceedings of the National Academy of Sciences of the
United States of America (2000), 97(10), 5167-5172
CODEN: PNASA6; ISSN: 0027-8424
PUBLISHER: National Academy of Sciences
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 35 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:129376 HCAPLUS
DOCUMENT NUMBER: 132:290285
TITLE: PSK, a novel STE20-like kinase derived from prostatic
carcinoma that activates the c-Jun N-terminal kinase
mitogen-activated protein kinase pathway and regulates
actin cytoskeletal organization
AUTHOR(S): Moore, Tanya M.; Garg, Ritu; Johnson, Caroline;
Coptcoat, Malcolm J.; Ridley, Anne J.; Morris,

CORPORATE SOURCE: Jonathan D. H.
Molecular Oncology Laboratory, Department of Academic
Surgery, Rayne Institute, King's College School of
Medicine and Dentistry, London, SE5 9NU, UK
SOURCE: Journal of Biological Chemistry (2000), 275(6),
4311-4322
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 77 THERE ARE 77 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 36 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1999:315403 HCAPLUS
DOCUMENT NUMBER: 131:99243
TITLE: Characterization of a novel type of **serine/**
threonine kinase that specifically
phosphorylates the human Goodpasture antigen
AUTHOR(S): Raya, Angel; Revert, Fernando; Navarro, Samuel; Saus,
Juan
CORPORATE SOURCE: Fundacion Valenciana de Investigaciones Biomedicas,
Instituto de Investigaciones Citologicas, Valencia,
46010, Spain
SOURCE: Journal of Biological Chemistry (1999), 274(18),
12642-12649
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 37 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1999:297827 HCAPLUS
DOCUMENT NUMBER: 131:140207
TITLE: Human Minibrain Homologue (MNBH/DYRK1):
Characterization, Alternative Splicing, Differential
Tissue **Expression**, and Overexpression in
Down Syndrome
AUTHOR(S): Guimera, Jordi; Casas, Caty; Estivill, Xavier;
Pritchard, Melanie
CORPORATE SOURCE: Medical and Molecular Genetics Center-IRO, Hospital
Duran i Reynals, Barcelona, 08907, Spain
SOURCE: Genomics (1999), 57(3), 407-418
CODEN: GNMCEP; ISSN: 0888-7543
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 38 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1999:42532 HCAPLUS
DOCUMENT NUMBER: 130:106933
TITLE: A human homolog of the rat serum glucocorticoid-
regulated kinase and a cDNA encoding it
INVENTOR(S): Kumar, Sanjay; Zou, Cheng
PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA
SOURCE: Eur. Pat. Appl., 27 pp.

DOCUMENT TYPE: CODEN: EPXXDW
LANGUAGE: Patent
FAMILY ACC. NUM. COUNT: English 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 889127	A1	19990107	EP 1998-304830	19980618
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CA 2235785	AA	19990101	CA 1998-2235785	19980623
JP 11123086	A2	19990511	JP 1998-186223	19980701
US 2001027184	A1	20011004	US 2001-784249	20010215
PRIORITY APPLN. INFO.:			US 1997-51446P	P 19970701
			US 1997-997212	A 19971223
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L12 ANSWER 39 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:513247 HCAPLUS
DOCUMENT NUMBER: 129:240625
TITLE: Human ULK1, a novel **serine/threonine** kinase related to UNC-51 kinase of Caenorhabditis elegans: cDNA **cloning, expression,** and chromosomal assignment
AUTHOR(S): Kuroyanagi, Hidehito; Yan, Jin; Seki, Naohiko; Yamanouchi, Yasuko; Suzuki, Yo-ichi; Takano, Takako; Muramatsu, Masa-aki; Shirasawa, Takuji
CORPORATE SOURCE: Department of Mol. Genetics, Tokyo Metropolitan Inst. of Gerontology, Tokyo, 173-0015, Japan
SOURCE: Genomics (1998), 51(1), 76-85
CODEN: GNMCEP; ISSN: 0888-7543
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 40 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:29361 HCAPLUS
DOCUMENT NUMBER: 128:152647
TITLE: Peutz-Jeghers syndrome is caused by mutations in a novel **serine threonine** kinase
AUTHOR(S): Jenne, Dieter E.; Reimann, Heike; Nezu, Jun-ichi; Friedel, Waltraut; Loff, Steffan; Jeschke, Reinhard; Muller, Oliver; Back, Walter; Zimmer, Michael
CORPORATE SOURCE: Dep. Neuroimmunol., Max-Planck-Inst. Psychiatry, Martinsried, 82152, Germany
SOURCE: Nature Genetics (1998), 18(1), 38-43
CODEN: NGENEC; ISSN: 1061-4036
PUBLISHER: Nature America
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 41 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:705075 HCAPLUS
DOCUMENT NUMBER: 128:10745
TITLE: **Cloning** and partial sequencing of a novel human activin receptor-like kinase

AUTHOR(S): Ohno, Tsukasa; Imai, Atsushi; Takagi, Atsushi; Horibe, Shinji; Takagi, Hiroshi; Tamaya, Teruhiko
CORPORATE SOURCE: Department of Obstetrics and Gynecology, Gifu University School of Medicine, Tsukasamachi, 500, Japan
SOURCE: Oncology Reports (1997), 4(6), 1349-1351
CODEN: OCRPEW; ISSN: 1021-335X
PUBLISHER: Oncology Reports
DOCUMENT TYPE: Journal
LANGUAGE: English

L12 ANSWER 42 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:702583 HCAPLUS
DOCUMENT NUMBER: 128:44418
TITLE: Identification of two novel human putative **serine/threonine** kinases, VRK1 and VRK2, with structural similarity to vaccinia virus B1R kinase
AUTHOR(S): Nezu, Jun-ichi; Oku, Asuka; Jones, Michael H.; Shimane, Miyuki
CORPORATE SOURCE: Gene Search Program, Chugai Res. Inst. Mol. Med., Niihari, 300-41, Japan
SOURCE: Genomics (1997), 45(2), 327-331
CODEN: GNMCEP; ISSN: 0888-7543
PUBLISHER: Academic
DOCUMENT TYPE: Journal
LANGUAGE: English

L12 ANSWER 43 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:316553 HCAPLUS
DOCUMENT NUMBER: 127:1463
TITLE: Human SAK related to the PLK/polo family of cell cycle kinases shows high mRNA **expression** in **testis**
AUTHOR(S): Karn, Thomas; Holtrich, Uwe; Wolf, Georg; Hock, Bjoern; Strebhardt, Klaus; Ruebsamen-Waigmann, Helga
CORPORATE SOURCE: Chemotherapeutisches Forschungsinstitut, Frankfurt, 60596, Germany
SOURCE: Oncology Reports (1997), 4(3), 505-510
CODEN: OCRPEW; ISSN: 1021-335X
PUBLISHER: Oncology Reports
DOCUMENT TYPE: Journal
LANGUAGE: English

L12 ANSWER 44 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:558103 HCAPLUS
DOCUMENT NUMBER: 125:239716
TITLE: A human homolog of Drosophila minibrain (MNB) is **expressed** in the neuronal regions affected in Down syndrome and maps to the critical region
AUTHOR(S): Guimera, Jordi; Casas, Caty; Pucharcos, Carles; Solans, Asun; Domenech, Anna; Planas, Anna M.; Ashley, Jennifer; Lovett, Michael; Estivill, Xavier; Pritchard, Melanie A.
CORPORATE SOURCE: Mol. Genetics Dep., Cancer Res. Inst., Barcelona, 08907, Spain
SOURCE: Human Molecular Genetics (1996), 5(9), 1305-1310
CODEN: HMGEE5; ISSN: 0964-6906
PUBLISHER: Oxford University Press
DOCUMENT TYPE: Journal
LANGUAGE: English

L12 ANSWER 45 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1996:498524 HCAPLUS
 DOCUMENT NUMBER: 125:215535
 TITLE: prk, A cytokine-inducible human protein **serine**
 /**threonine** kinase whose **expression**
 appears to be down-regulated in lung carcinomas
 AUTHOR(S): Li, Bo; Ouyang, Bin; Pan, Huiqi; Reissmann, Peter T.;
 Slamon, Dennis J.; Arceci, Robert; Lu, Luo; Dai, Wei
 CORPORATE SOURCE: Div. Hematol. Oncol., Univ. Cincinnati Coll. Med.,
 Cincinnati, OH, 45267, USA
 SOURCE: Journal of Biological Chemistry (1996), 271(32),
 19402-19408
 CODEN: JBCHA3; ISSN: 0021-9258
 PUBLISHER: American Society for Biochemistry and Molecular
 Biology
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L12 ANSWER 46 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1996:366094 HCAPLUS
 DOCUMENT NUMBER: 125:80511
 TITLE: Human p21 protein-activated protein **serine**
 kinase p65 (PAK65) and a cDNA encoding it and its
 therapeutic applications
 INVENTOR(S): Abo, Arie; Martin, George A.
 PATENT ASSIGNEE(S): Onyx Pharmaceuticals, Inc., USA
 SOURCE: U.S., 42 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5518911	A	19960521	US 1995-369780	19950106
US 5605825	A	19970225	US 1995-475682	19950607
CA 2209426	AA	19960711	CA 1996-2209426	19960105
WO 9620948	A1	19960711	WO 1996-US487	19960105
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9647560	A1	19960724	AU 1996-47560	19960105
AU 702308	B2	19990218		
EP 802921	A1	19971029	EP 1996-903482	19960105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
JP 10512143	T2	19981124	JP 1996-521283	19960105
US 5698445	A	19971216	US 1996-636036	19960422
US 5698428	A	19971216	US 1997-780833	19970110
US 6013464	A	20000111	US 1997-918509	19970822
US 6048706	A	20000411	US 1998-108262	19980701
PRIORITY APPLN. INFO.:			US 1995-369780	19950106
			US 1995-475682	19950607
			WO 1996-US487	19960105
			US 1997-780833	19970110
			US 1997-918509	19970822

L12 ANSWER 47 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1996:312447 HCAPLUS
 DOCUMENT NUMBER: 125:27254
 TITLE: **Cloning** and characterization of GRB14, a
 novel member of the GRB7 gene family
 AUTHOR(S): Daly, Roger J.; Sanderson, Georgina M.; Janes, Peter

CORPORATE SOURCE: W.; Sutherland, Robert L.
Cancer Biol. Div., Garvan Inst. Med. Res., New South
Wales, 2010, Australia
SOURCE: Journal of Biological Chemistry (1996), 271(21),
12502-12510
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

L12 ANSWER 48 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:117590 HCAPLUS
DOCUMENT NUMBER: 124:224537
TITLE: 3pK, a new mitogen-activated protein kinase-activated
protein kinase located in the small cell lung cancer
tumor suppressor gene region
AUTHOR(S): Sithanandam, Gunamani; Latif, Farida; Duh, Fuh-Mei;
Bernal, Ricardo; Smola, Ute; Li, Hua; Kuzmin, Igor;
Wixler, Viktor; Geil, Laura; et al.
CORPORATE SOURCE: Biological Carcinogenesis Development Program,
PRI/DynCorp, Frederick, MD, 21702-1201, USA
SOURCE: Molecular and Cellular Biology (1996), 16(3), 868-76
CODEN: MCEBD4; ISSN: 0270-7306
PUBLISHER: American Society for Microbiology
DOCUMENT TYPE: Journal
LANGUAGE: English

L12 ANSWER 49 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:727998 HCAPLUS
DOCUMENT NUMBER: 123:277512
TITLE: A human homolog of the Drosophila tumor suppressor
gene 1(2)gl maps to 17p11.2-12 and codes for a
cytoskeletal protein that associates with nonmuscle
myosin II heavy chain
AUTHOR(S): Strand, Dennis; Unger, Sylvia; Corvi, Raffaella;
Hartenstein, Kirsten; Schenkel, Heide; Kalmes,
Andreas; Merdes, Gunter; Neumann, Beate;
Krieg-Schneider, Frank
CORPORATE SOURCE: Dep. of Developmental Genetics, Deutsches
Krebsforschungszentrum, Heidelberg, D-69120, Germany
SOURCE: Oncogene (1995), 11(2), 291-301
CODEN: ONCNES; ISSN: 0950-9232
PUBLISHER: Macmillan Scientific & Medical Division
DOCUMENT TYPE: Journal
LANGUAGE: English

L12 ANSWER 50 OF 56 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:613945 HCAPLUS
DOCUMENT NUMBER: 123:50541
TITLE: Characterization of myotonic dystrophy kinase (DMK)
protein in human and rodent muscle and central nervous
tissue
AUTHOR(S): Whiting, Elisabeth J.; Waring, James D.; Tamai,
Katsuyuki; Somerville, Martin J.; Hincke, Maxwell;
Staines, William A.; Ikeda, Joh-E.; Korneluk, Robert
G.
CORPORATE SOURCE: Dep. Microbiol. Immunol., Univ. Ottawa, Ottawa, ON,
Can.
SOURCE: Human Molecular Genetics (1995), 4(6), 1063-72
CODEN: HMGEE5; ISSN: 0964-6906
PUBLISHER: Oxford University Press

DOCUMENT TYPE: Journal
LANGUAGE: English

L12 ANSWER 51 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:695669 HCAPLUS
DOCUMENT NUMBER: 121:295669
TITLE: Identification and characterization of DBK, a novel putative **serine/threonine** protein kinase from human endothelial cells
AUTHOR(S): Chu, Wei; Presky, David H.; Danho, Waleed; Swerlick, Robert A.; Burns, Daniel K.
CORPORATE SOURCE: Dep. Inflammation/Autoimmune Diseases, Hoffman-La Roche Inc., Nutely, NJ, USA
SOURCE: European Journal of Biochemistry (1994), 225(2), 695-72
CODEN: EJBCAI; ISSN: 0014-2956

DOCUMENT TYPE: Journal
LANGUAGE: English

L12 ANSWER 52 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:674996 HCAPLUS
DOCUMENT NUMBER: 121:274996
TITLE: A novel dual specificity phosphatase induced by serum stimulation and heat shock
AUTHOR(S): Ishibashi, Toshio; Boattaro, Donald P.; Michieli, Paolo; Kelley, Christine A.; Aaronson, Stuart A.
CORPORATE SOURCE: NCI, National Inst. Health, Bethesda, MD, 20892, USA
SOURCE: Journal of Biological Chemistry (1994), 269(47), 29897-902
CODEN: JBCHA3; ISSN: 0021-9258

PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

L12 ANSWER 53 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:573842 HCAPLUS
DOCUMENT NUMBER: 121:173842
TITLE: **Cloning** of a novel putative protein kinase having a leucine zipper domain from human **brain**
AUTHOR(S): Reddy, Usha R.; Pleasure, David
CORPORATE SOURCE: Neurology Research, Children's Hosp. of Philadelphia, Philadelphia, PA, 19104, USA
SOURCE: Biochemical and Biophysical Research Communications (1994), 202(1), 613-20
CODEN: BBRCA9; ISSN: 0006-291X
DOCUMENT TYPE: Journal
LANGUAGE: English

L12 ANSWER 54 OF 56 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:552099 HCAPLUS
DOCUMENT NUMBER: 121:152099
TITLE: Two novel human **serine/threonine** kinases with homologies to the cell cycle regulating Xenopus MO15, and NIMA kinases: **cloning** and characterization of their **expression** pattern
AUTHOR(S): Levedakou, Eleni N.; He, Mei; Baptist, Edward W.; Craven, Rolf J.; Cance, William G.; Welcsh, Piri L.; Simmins, Andrew; Naylor, Susan L.; Leach, Robin J.; et al.
CORPORATE SOURCE: Lineberger Comprehensive Cancer Center, University

SOURCE: North Carolina, Chapel Hill, NC, 27599, USA
 Oncogene (1994), 9(7), 1977-88
 CODEN: ONCNES; ISSN: 0950-9232

DOCUMENT TYPE: Journal
 LANGUAGE: English

L12 ANSWER 55 OF 56 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1994:477177 HCAPLUS
 DOCUMENT NUMBER: 121:77177
 TITLE: Differential **expression** of a novel protein kinase in human B lymphocytes. Preferential localization in the germinal center
 AUTHOR(S): Katz, Paul; Wahlen, Gail; Kehrl, John H.
 CORPORATE SOURCE: Lab. Immunoregul., Natl. Inst. Health, Bethesda, MD, 20892, USA
 SOURCE: Journal of Biological Chemistry (1994), 269(24), 16802-9
 CODEN: JBCHA3; ISSN: 0021-9258
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L12 ANSWER 56 OF 56 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1994:318218 HCAPLUS
 DOCUMENT NUMBER: 120:318218
 TITLE: Induction and down-regulation of PLK, a human **serine/threonine** kinase **expressed** in proliferating cells and tumors
 AUTHOR(S): Holtrich, Uwe; Wolf, Georg; Braeuninger, Andreas; Karn, Thomas; Boehme, Beatrix; Ruebsamen-Waigmann, Helga; Strebhardt, Klaus
 CORPORATE SOURCE: Chemotherapeutisches Forschungsinst., Georg-Speyer-Haus, Frankfurt, 60596, Germany
 SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1994), 91(5), 1736-40
 CODEN: PNASA6; ISSN: 0027-8424
 DOCUMENT TYPE: Journal
 LANGUAGE: English

=> e donoho g/au

E1	8	DONOH O DAVID L/AU
E2	1	DONOH O DAVID W/AU
E3	62 -->	DONOH O G/AU
E4	1	DONOH O G A/AU
E5	5	DONOH O G P/AU
E6	16	DONOH O GREG/AU
E7	1	DONOH O GREG A/AU
E8	1	DONOH O GREG P/AU
E9	46	DONOH O GREGORY/AU
E10	1	DONOH O GREGORY PAUL/AU
E11	1	DONOH O H R/AU
E12	1	DONOH O H S/AU

=> s e3

L13 62 "DONOH O G"/AU

=> s e3-e9

L14 132 ("DONOH O G"/AU OR "DONOH O G A"/AU OR "DONOH O G P"/AU OR "DONOH O GREG"/AU OR "DONOH O GREG A"/AU OR "DONOH O GREG P"/AU OR "DONOH O GREGORY"/AU)

=> e hilbun e/au

E1	1	HILBUN B/AU
E2	12	HILBUN B M/AU
E3	22 -->	HILBUN E/AU
E4	32	HILBUN ERIN/AU
E5	5	HILBUN G R/AU
E6	4	HILBUN L R/AU
E7	6	HILBUN LAYLA R/AU
E8	2	HILBUN N/AU
E9	1	HILBUN S/AU
E10	3	HILBUN W B/AU
E11	2	HILBUN W M/AU
E12	1	HILBUN WILLIAM MARVIN/AU

=> s e3-e4

L15 54 ("HILBUN E"/AU OR "HILBUN ERIN"/AU)

=> e turner c a/au

E1	1200	TURNER C/AU
E2	1	TURNER C */AU
E3	128 -->	TURNER C A/AU
E4	3	TURNER C A JR/AU
E5	1	TURNER C A L/AU
E6	5	TURNER C A P/AU
E7	1	TURNER C ALEX/AU
E8	8	TURNER C ALEXANDER/AU
E9	95	TURNER C ALEXANDER JR/AU
E10	82	TURNER C B/AU
E11	19	TURNER C C/AU
E12	124	TURNER C D/AU

=> s e3-e9

L16 241 ("TURNER C A"/AU OR "TURNER C A JR"/AU OR "TURNER C A L"/AU OR
"TURNER C A P"/AU OR "TURNER C ALEX"/AU OR "TURNER C ALEXANDER"/
AU OR "TURNER C ALEXANDER JR"/AU)

=> e friedrich g/au

E1	2	FRIEDRICH FRITZ/AU
E2	1	FRIEDRICH FRNCES J/AU
E3	830 -->	FRIEDRICH G/AU
E4	36	FRIEDRICH G A/AU
E5	1	FRIEDRICH G ANNE/AU
E6	3	FRIEDRICH G B/AU
E7	4	FRIEDRICH G E/AU
E8	19	FRIEDRICH G H/AU
E9	11	FRIEDRICH G H W/AU
E10	36	FRIEDRICH G J/AU
E11	1	FRIEDRICH G K/AU
E12	1	FRIEDRICH G L/AU

=> s e3

L17 830 "FRIEDRICH G"/AU

=> e zambrowicz b/au

E1	1	ZAMBROWIC B P/AU
E2	1	ZAMBROWICA E B/AU
E3	75 -->	ZAMBROWICZ B/AU
E4	4	ZAMBROWICZ B E/AU
E5	59	ZAMBROWICZ B P/AU
E6	1	ZAMBROWICZ BRAIN P/AU
E7	88	ZAMBROWICZ BRIAN/AU
E8	32	ZAMBROWICZ BRIAN P/AU
E9	1	ZAMBROWICZ BRIAN PETER/AU

E10 1 ZAMBROWICZ BRYGIDA E/AU
 E11 2 ZAMBROWICZ E/AU
 E12 11 ZAMBROWICZ E B/AU

=> s e3

L18 75 "ZAMBROWICZ B"/AU

=> s e3-e9

L19 260 ("ZAMBROWICZ B"/AU OR "ZAMBROWICZ B E"/AU OR "ZAMBROWICZ B P"/AU
 OR "ZAMBROWICZ BRAIN P"/AU OR "ZAMBROWICZ BRIAN"/AU OR "ZAMBROW
 ICZ BRIAN P"/AU OR "ZAMBROWICZ BRIAN PETER"/AU)

=> e sands a t/au

E1 23 SANDS A M/AU
 E2 6 SANDS A R/AU
 E3 120 --> SANDS A T/AU
 E4 1 SANDS A W/AU
 E5 1 SANDS ALAN R/AU
 E6 1 SANDS ALICIA/AU
 E7 1 SANDS ALLAN R/AU
 E8 1 SANDS AMY/AU
 E9 2 SANDS AMY M/AU
 E10 2 SANDS ANDREW/AU
 E11 1 SANDS ANITA J/AU
 E12 11 SANDS ARTHUR/AU

=> s e3

L20 120 "SANDS A T"/AU

=> d his

(FILE 'HOME' ENTERED AT 08:54:44 ON 01 JUL 2003)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,
 LIFESCI' ENTERED AT 08:55:32 ON 01 JUL 2003

L1 1090522 S KINASE?
 L2 1344 S HUMAN (A) L1
 L3 6013004 S CLON? OR EXPRESS? OR RECOMBINANT
 L4 895 S L2 AND L3
 L5 3305135 S BRAIN OR CEREBELUM OR PROSTATE OR TESTIS OR ADRENAL
 L6 3654948 S THYROID OR PANCREAS OR HEART OR SALIVARY OR STOMACH
 L7 209 S L4 AND L5
 L8 105 S L4 AND L6
 L9 249 S L7 OR L8
 L10 202 DUP REM L9 (47 DUPLICATES REMOVED)
 L11 374311 S SERINE OR THREONINE
 L12 56 S L10 AND L11
 E DONOHO G/AU
 L13 62 S E3
 L14 132 S E3-E9
 E HILBUN E/AU
 L15 54 S E3-E4
 E TURNER C A/AU
 L16 241 S E3-E9
 E FRIEDRICH G/AU
 L17 830 S E3
 E ZAMBROWICZ B/AU
 L18 75 S E3
 L19 260 S E3-E9
 E SANDS A T/AU
 L20 120 S E3

=> s l12 or l14 or l15 or l16 or l17 or l18 or l20
L21 1293 L12 OR L14 OR L15 OR L16 OR L17 OR L18 OR L20

=> s l12 and l21
L22 56 L12 AND L21

=> .dup rem l22
PROCESSING COMPLETED FOR L22
L23 56 DUP REM L22 (0 DUPLICATES REMOVED)

=> s l10 and l21
L24 58 L10 AND L21

=> d 1-58 ibib

L24 ANSWER 1 OF 58 MEDLINE
ACCESSION NUMBER: 2002359354 MEDLINE
DOCUMENT NUMBER: 22097604 PubMed ID: 12103360
TITLE: The identification and subcellular localization of human
MRK.
AUTHOR: Yang Tao; Jiang Yunai; Chen Jiangye
CORPORATE SOURCE: State Key Laboratory of Molecular Biology, Institute of
Biochemistry and Cell Biology, Shanghai Institutes for
Biological Sciences, Chinese Academy of Sciences, China.
SOURCE: BIOMOLECULAR ENGINEERING, (2002 Jun) 19 (1) 1-4.
Journal code: 100928062. ISSN: 1389-0344.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200212
ENTRY DATE: Entered STN: 20020710
Last Updated on STN: 20021228
Entered Medline: 20021227

L24 ANSWER 2 OF 58 MEDLINE
ACCESSION NUMBER: 2000483169 MEDLINE
DOCUMENT NUMBER: 20445994 PubMed ID: 10990492
TITLE: Isolation and **expression** of PASK, a
serine/threonine kinase, during rat
embryonic development, with special emphasis on the
pancreas.
AUTHOR: Miao N; Fung B; Sanchez R; Lydon J; Barker D; Pang K
CORPORATE SOURCE: Ontogeny, Inc., Cambridge, Massachusetts 02138-1118, USA.
SOURCE: JOURNAL OF HISTOCHEMISTRY AND CYTOCHEMISTRY, (2000 Oct) 48
(10) 1391-400.
Journal code: 9815334. ISSN: 0022-1554.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200010
ENTRY DATE: Entered STN: 20001019
Last Updated on STN: 20020420
Entered Medline: 20001010

L24 ANSWER 3 OF 58 MEDLINE
ACCESSION NUMBER: 92348472 MEDLINE
DOCUMENT NUMBER: 92348472 PubMed ID: 1639825
TITLE: **Expression** of TTK, a novel human protein kinase,
is associated with cell proliferation.
AUTHOR: Mills G B; Schmandt R; McGill M; Amendola A; Hill M; Jacobs

K; May C; Rodricks A M; Campbell S; Hogg D
CORPORATE SOURCE: Oncology Research, Toronto General Hospital, Ontario,
Canada.
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1992 Aug 5) 267 (22)
16000-6.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-M86699; GENBANK-M94136; GENBANK-M94137;
GENBANK-M94138; GENBANK-M94139; GENBANK-M94140;
GENBANK-M94141; GENBANK-M94142; GENBANK-M94143;
GENBANK-M94144
ENTRY MONTH: 199208
ENTRY DATE: Entered STN: 19920911
Last Updated on STN: 19920911
Entered Medline: 19920828

L24 ANSWER 5 OF 58 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2000:266075 BIOSIS
DOCUMENT NUMBER: PREV200000266075
TITLE: Characterization of hPRP4 kinase activation: Potential role
in signaling.
AUTHOR(S): Huang, Yong (1); Deng, Tiliang; Winston, Brent W. (1)
CORPORATE SOURCE: (1) Department of Medicine, University of Calgary, Calgary,
Alberta, T2N 4N1 Canada
SOURCE: Biochemical and Biophysical Research Communications, (May
10, 2000) Vol. 271, No. 2, pp. 456-463. print..
ISSN: 0006-291X.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L24 ANSWER 6 OF 58 BIOTECHCHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2003-01882 BIOTECHCHDS
TITLE: New peptides related to **serine/threonine**
protein kinase subfamily, useful for treating disorders
associated with abnormal **expression** of kinase in
prostate, lungs and **brain**, in drug
screening assays and pharmacogenomic analysis;
recombinant protein production and sense and
antisense sequence use in gene therapy
AUTHOR: BEASLEY E M; YE J; YAN C; KETCHUM K A; DI FRANCESCO V
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002059288.1 Aug 2002
APPLICATION INFO: WO 2002-US930 15 Jan 2002

PRIORITY INFO: US 2001-819607 29 Mar 2001; US 2001-263162 23 Jan 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-599781 [64]

L24 ANSWER 7 OF 58 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2002-17807 BIOTECHDS
TITLE: Nucleic acid molecules encoding calcium/calmodulin-dependent protein kinases, useful for preventing diagnosing and treating e.g. cancers, psoriasis and inflammation;
recombinant protein production by vector-mediated gene transfer and **expression** in host cell, useful for gene therapy
AUTHOR: YE J; YAN C; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: US 6387677 14 May 2002
APPLICATION INFO: US 2001-800960 8 Mar 2001
PRIORITY INFO: US 2001-800960 8 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-478444 [51]

L24 ANSWER 8 OF 58 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 2002-12233 BIOTECHDS
TITLE: New **recombinant**, modified adenovirus vectors for regulating transgene **expression** in tumor cells, useful in gene therapy, particularly for treating cancers, e.g. cervical, lung, liver or breast;
adeno virus vector-mediated gene transfer and **expression** in cancer cell for **recombinant** protein production and cancer gene therapy
AUTHOR: LIEBER A; STEINWAERDER D S; CARLSON C A; MI J
PATENT ASSIGNEE: UNIV WASHINGTON
PATENT INFO: WO 2001083796 8 Nov 2001
APPLICATION INFO: WO 2000-US14428 3 May 2000
PRIORITY INFO: US 2000-202367 3 May 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-240307 [29]

L24 ANSWER 9 OF 58 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2003:409169 HCAPLUS
DOCUMENT NUMBER: 138:380506
TITLE: Genes that are differentially expressed during erythropoiesis and their diagnostic and therapeutic uses
INVENTOR(S): Brissette, William H.; Neote, Kuldeep S.; Zagouras, Panayiotis; Zenke, Martin; Lemke, Britt; Hacker, Christine
PATENT ASSIGNEE(S): Pfizer Products Inc., USA; Max-Delbruck-Centre for Molecular Medicine
SOURCE: PCT Int. Appl., 285 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003038130	A2	20030508	WO 2002-XA34888	20021031
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

WO 2003038130 A2 20030508 WO 2002-US34888 20021031

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

PRIORITY APPLN. INFO.:

US 2001-335048P P 20011031
US 2001-335183P P 20011102
WO 2002-US34888 A 20021031

L24 ANSWER 10 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2003:305167 HCAPLUS

DOCUMENT NUMBER: 138:298879

TITLE: Human 12.54-kDa **serine/threonine**
protein kinase like protein and its cDNA and
therapeutic use

INVENTOR(S): Mao, Yumin; Xie, Yi

PATENT ASSIGNEE(S): Bode Gene Development Co., Ltd., Shanghai, Peop. Rep.
China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 34 pp.
CODEN: CNXXEV

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1358851	A	20020717	CN 2000-127893	20001213
PRIORITY APPLN. INFO.:			CN 2000-127893	20001213

L24 ANSWER 11 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2003:221864 HCAPLUS

DOCUMENT NUMBER: 138:249732

TITLE: Gene **expression** profiling for identification
of disease genes for use in drug screening and therapy

INVENTOR(S): Bristow, Michael R.; Minobe, Wayne A.; Lowes, Brian
D.; Perryman, Benjamin M.

PATENT ASSIGNEE(S): The Regents of the University of Colorado, USA

SOURCE: PCT Int. Appl., 74 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003023066	A1	20030320	WO 2002-US28808	20020911

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2003096782 A1 20030522 US 2002-241368 20020911
 PRIORITY APPLN. INFO.: US 2001-318854P P 20010911
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 12 OF 58 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2003:97550 HCAPLUS
 DOCUMENT NUMBER: 138:164674
 TITLE: Molecular markers for hepatocellular carcinoma and their use in diagnosis and therapy
 INVENTOR(S): Debuschewitz, Sabine; Jobst, Juergen; Kaiser, Stephan
 PATENT ASSIGNEE(S): Germany
 SOURCE: PCT Int. Appl., 98 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003010336	A2	20030206	WO 2002-EP8305	20020725

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

DE 10136273 A1 20030213 DE 2001-10136273 20010725
 PRIORITY APPLN. INFO.: DE 2001-10136273 A 20010725

L24 ANSWER 13 OF 58 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:981604 HCAPLUS
 TITLE: Identification of residues which regulate activity of the STE20-related kinase hMINK
 AUTHOR(S): Lim, Jaeseung; Lennard, Andrew; Sheppard, Paul W.; Kellie, Stuart
 CORPORATE SOURCE: Yamanouchi Research Institute, Oxford, OX4 4SX, UK
 SOURCE: Biochemical and Biophysical Research Communications (2003), 300(3), 694-698
 CODEN: BBRCA9; ISSN: 0006-291X
 PUBLISHER: Elsevier Science
 DOCUMENT TYPE: Journal

LANGUAGE: English
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 14 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:941845 HCAPLUS

DOCUMENT NUMBER: 138:21334

TITLE: Protein, gene and cDNA sequences of a novel human
protein kinase related to **serine/**
threonine kinase and their uses in drug
screening

INVENTOR(S): Yan, Chunhua; Li, Zhenya; Neelam, Beena; Difrancesco,
Valentina; Beasley, Ellen M.

PATENT ASSIGNEE(S): PE Corporation (Ny), USA

SOURCE: U.S., 107 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6492156	B1	20021210	US 2001-984890	20011031
WO 2003038115	A2	20030508	WO 2002-US34869	20021031
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2001-984890 A 20011031

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 15 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:732013 HCAPLUS

DOCUMENT NUMBER: 138:1084

TITLE: Human **serine/threonine** protein
kinase-like protein, protein and cDNA sequences,
recombinant production and therapeutic uses

INVENTOR(S): Mao, Yumin; Xie, Yi

PATENT ASSIGNEE(S): Shanghai Bode Gene Development Co., Ltd., Peop. Rep.
China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 38 pp.
CODEN: CNXXEV

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1329157	A	20020102	CN 2000-116663	20000621
PRIORITY APPLN. INFO.:			CN 2000-116663	20000621

L24 ANSWER 16 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:696559 HCAPLUS
 DOCUMENT NUMBER: 137:227754
 TITLE: Protein, gene and cDNA sequences of a novel
 human kinase protein related to
 serine/threonine protein kinase and
 their uses in drug screening
 INVENTOR(S): Ye, Jane; Yan, Chunhua; Di Francesco, Valentina;
 Beasley, Ellen M.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 174 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002127683	A1	20020912	US 2001-801876	20010309
US 6492155	B2	20021210		
US 2003027307	A1	20030206	US 2002-254869	20020926
PRIORITY APPLN. INFO.:			US 2001-801876 A3	20010309

L24 ANSWER 17 OF 58 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:575249 HCAPLUS
 DOCUMENT NUMBER: 137:136141
 TITLE: Human protein kinase, its cDNA and protein sequences,
 and use thereof
 INVENTOR(S): Yu, Xuanchuan; Miranda, Maricar; Friddle, Carl Johan
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
 SOURCE: PCT Int. Appl., 50 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002059325	A2	20020801	WO 2001-US50497	20011220
WO 2002059325	A3	20030320		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG US 2002123622 A1 20020905 US 2001-28946 20011220 PRIORITY APPLN. INFO.: US 2000-258335P P 20001227				

L24 ANSWER 18 OF 58 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:488124 HCAPLUS
 DOCUMENT NUMBER: 137:59517
 TITLE: Human AURORA-1 and AURORA-2 kinases, cDNA and amino
 acid sequences, and **recombinant** production
 INVENTOR(S): Plowman, Gregory; Mossie, Kevin
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 43 pp., Cont.-in-part of U.S.
 Ser. No. 5,268, abandoned.

DOCUMENT TYPE: CODEN: USXXCO
LANGUAGE: Patent
FAMILY ACC. NUM. COUNT: English 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002081578	A1	20020627	US 1998-12135	19980122
CN 1205740	A	19990120	CN 1996-199101	19961125
US 5962312	A	19991005	US 1996-755728	19961125
CA 2318352	AA	19990729	CA 1999-2318352	19990121
WO 9937788	A2	19990729	WO 1999-US1283	19990121
WO 9937788	A3	19990930		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9925605	A1	19990809	AU 1999-25605	19990121
EP 1051500	A2	20001115	EP 1999-905450	19990121
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002508937	T2	20020326	JP 2000-528695	19990121
US 6207401	B1	20010327	US 1999-283011	19990331
PRIORITY APPLN. INFO.:				
			US 1995-8809P	P 19951218
			US 1996-23943P	P 19960814
			US 1996-755728	A2 19961125
			US 1998-5268	B2 19980109
			US 1998-12135	A 19980122
			WO 1999-US1283	W 19990121

L24 ANSWER 19 OF 58 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:408781 HCAPLUS
DOCUMENT NUMBER: 137:2411
TITLE: Protein and cDNA sequences of human
kinase sequence homologs
INVENTOR(S): Friddle, Carl Johan; Hilbun, Erin; Mathur, Brian; Turner, C. Alexander, Jr.
PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
SOURCE: PCT Int. Appl., 43 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002042438	A2	20020530	WO 2001-US43825	20011119
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

AU 2002028633	A5	20020603	AU 2002-28633	20011119
US 2002110908	A1	20020815	US 2001-992481	20011119
PRIORITY APPLN. INFO.:			US 2000-252011P	P 20001120
			WO 2001-US43825	W 20011119

L24 ANSWER 20 OF 58 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:404409 HCAPLUS
 DOCUMENT NUMBER: 137:152764
 TITLE: Alternative splice variants of doublecortin-like kinase are differentially **expressed** and have different kinase activities
 AUTHOR(S): Burgess, Harold A.; Reiner, Orly
 CORPORATE SOURCE: Department of Molecular Genetics, Weizmann Institute of Science, Rehovot, 76100, Israel
 SOURCE: Journal of Biological Chemistry (2002), 277(20), 17696-17705
 CODEN: JBCHA3; ISSN: 0021-9258
 PUBLISHER: American Society for Biochemistry and Molecular Biology
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 21 OF 58 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:391912 HCAPLUS
 DOCUMENT NUMBER: 137:1836
 TITLE: Measurement of DNA methylation for analysis of the toxicology of substances
 INVENTOR(S): Olek, Alexander; Piepenbrock, Christian; Berlin, Kurt
 PATENT ASSIGNEE(S): Epigenomics Ag, Germany
 SOURCE: PCT Int. Appl., 113 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002040710	A2	20020523	WO 2001-EP12951	20011108
WO 2002040710	A3	20030530		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG DE 10056802 A1 20020529 DE 2000-10056802 20001114 AU 2002023672 A5 20020527 AU 2002-23672 20011108 PRIORITY APPLN. INFO.: DE 2000-10056802 A 20001114 WO 2001-EP12951 W 20011108				

L24 ANSWER 22 OF 58 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:293825 HCAPLUS
 DOCUMENT NUMBER: 136:321268
 TITLE: Protein and cDNA sequences of **human** kinase sequence homologs
 INVENTOR(S): Turner, C. Alexander, Jr.; Mathur, Brian

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
 SOURCE: PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002031129	A2	20020418	WO 2001-US32010	20011011
WO 2002031129	A3	20030206		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002013183	A5	20020422	AU 2002-13183	20011011
US 2002128458	A1	20020912	US 2001-975326	20011011
US 6476210	B2	20021105		
US 2003023063	A1	20030130	US 2002-217357	20020809
PRIORITY APPLN. INFO.:			US 2000-239821P	P 20001012
			US 2001-975326	A1 20011011
			WO 2001-US32010	W 20011011

L24 ANSWER 23 OF 58 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:177948 HCAPLUS
 DOCUMENT NUMBER: 137:74937
 TITLE: Phosphorylation of a novel zinc-finger-like protein,
 ZPR9, by murine protein **serine/**
threonine kinase 38 (MPK38)
 AUTHOR(S): Seong, Hyun-A.; Gil, Minchan; Kim, Kyong-Tai; Kim,
 Sung-Jin; Ha, Hyunjung
 CORPORATE SOURCE: Department of Biochemistry, School of Life Sciences,
 Research Center for Bioresource and Health, Chungbuk
 National University, Chungbuk, 361-763, S. Korea
 SOURCE: Biochemical Journal (2002), 361(3), 597-604
 CODEN: BIJOAK; ISSN: 0264-6021
 PUBLISHER: Portland Press Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 24 OF 58 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:72748 HCAPLUS
 DOCUMENT NUMBER: 136:146104
 TITLE: Human stress genes identified using DNA microarrays
 INVENTOR(S): Chenchik, Alex; Lukashev, Matvey E.
 PATENT ASSIGNEE(S): Clontech, USA
 SOURCE: U.S. Pat. Appl. Publ., 57 pp., Cont.-in-part of U.S.
 Ser. No. 441,920.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002009730	A1	20020124	US 2001-782909	20010213
PRIORITY APPLN. INFO.:			US 1998-222256	B2 19981228
			US 1999-440305	B2 19991117
			US 1999-441920	A2 19991117

L24 ANSWER 25 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:868653 HCAPLUS

DOCUMENT NUMBER: 136:15959

TITLE: Nucleic acid encoding a human **serine/threonine** protein kinase and its screening and therapeutic uses

INVENTOR(S): Wei, Ming-hi; Zhu, Shiaoping; Woodage, Trevor; Di Francesco, Valentina; Beasley, Ellen M.

PATENT ASSIGNEE(S): Applera Corporation, USA

SOURCE: PCT Int. Appl., 66 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001090328	A2	20011129	WO 2001-US16760	20010524
WO 2001090328	A3	20020718		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6482935	B1	20021119	US 2000-691861	20001018
EP 1290185	A2	20030312	EP 2001-937689	20010524
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2003022232	A1	20030130	US 2002-259740	20020930
PRIORITY APPLN. INFO.:			US 2000-206550P	P 20000524
			US 2000-691861	A 20001018
			WO 2001-US16760	W 20010524

L24 ANSWER 26 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:851353 HCAPLUS

DOCUMENT NUMBER: 136:2248

TITLE: Human and mouse neuronal **serine-threonine** protein kinases and cDNAs and methods for diagnosis and treatment of neurological diseases and cancer

INVENTOR(S): Schneider, Armin; Klaussner, Bettina; Fischer, Achim; Newrzella, Dieter; Goetz, Bernhard; Rossner, Moritz; Eisenhardt, Gisela; Kuner, Rohini; Trutzel, Annette; Kammandel, Birgitta; Jomana, Naim Stephanie; Schwaninger, Markus

PATENT ASSIGNEE(S): Basf-Lynx Bioscience A.-G., Germany

SOURCE: PCT Int. Appl., 75 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001088108	A1	20011122	WO 2001-EP5660	20010517
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
DE 10024171	A1	20011220	DE 2000-10024171	20000517
EP 1282700	A1	20030212	EP 2001-936370	20010517
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRIORITY APPLN. INFO.:			DE 2000-10024171 A	20000517
			WO 2001-EP5660 W	20010517
REFERENCE COUNT:	6		THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT	

L24 ANSWER 27 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:763200 HCAPLUS

DOCUMENT NUMBER: 135:328144

TITLE: Novel human protein and cDNA sequences of kinases and its therapeutic use

INVENTOR(S): Plowman, Gregory; Whyte, David; Manning, Gerard; Sudarsanam, Sucha; Martinez, Ricardo; Caenepeel, Sean

PATENT ASSIGNEE(S): Sugan, Inc., USA

SOURCE: PCT Int. Appl., 167 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001077338	A2	20011018	WO 2001-US11675	20010410
WO 2001077338	A3	20020829		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CO, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1278859	A2	20030129	EP 2001-924901	20010410
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRIORITY APPLN. INFO.:			US 2000-195953P P	20000410
			US 2000-201015P P	20000501
			US 2000-213805P P	20000622
			WO 2001-US11675 W	20010410

L24 ANSWER 28 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:711043 HCAPLUS

DOCUMENT NUMBER: 136:275290
 TITLE: WNK kinases, a novel protein kinase subfamily in multi-cellular organisms
 AUTHOR(S): Verissimo, Fatima; Jordan, Peter
 CORPORATE SOURCE: Centre for Human Genetics, National Institute of Health "Dr. Ricardo Jorge", Lisbon, 1649-016, Port.
 SOURCE: Oncogene (2001), 20(39), 5562-5569
 CODEN: ONCNES; ISSN: 0950-9232
 PUBLISHER: Nature Publishing Group
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 29 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:676960 HCAPLUS
 DOCUMENT NUMBER: 135:237660
 TITLE: Protein and cDNA sequences of novel **human kinase** interacting protein homologs and uses thereof in diagnosis, therapy and drug screening
 INVENTOR(S): Mathur, Brian; **Turner, C. Alexander, Jr.**
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
 SOURCE: PCT Int. Appl., 32 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001066760	A2	20010913	WO 2001-US7499	20010308
WO 2001066760	A3	20020530		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG US 2002082406 A1 20020627 US 2001-802116 20010308 PRIORITY APPLN. INFO.: US 2000-187719P P 20000308				

L24 ANSWER 30 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:618177 HCAPLUS
 DOCUMENT NUMBER: 135:191337
 TITLE: Protein and cDNA sequences of novel **human kinase** homologs and uses thereof in diagnosis, therapy and drug screening
 INVENTOR(S): Walke, D. Wade; Hu, Yi; Nepomnichy, Boris; **Turner, C. Alexander, Jr.**; Zambrowicz, Brian
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
 SOURCE: PCT Int. Appl., 70 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2001061016	A2	20010823	WO 2001-US5356	20010215
WO 2001061016	A3	20020207		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002038011	A1	20020328	US 2001-783320	20010215
EP 1257652	A2	20021120	EP 2001-912839	20010215
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRIORITY APPLN. INFO.:			US 2000-183582P	P 20000218
			US 2000-184014P	P 20000222
			WO 2001-US5356	W 20010215

L24 ANSWER 31 OF 58 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:397023 HCAPLUS
 DOCUMENT NUMBER: 135:30738
 TITLE: Novel human protein kinases and protein kinase-like enzymes and their cDNA sequences
 INVENTOR(S): Plowman, Gregory D.; Whyte, David; Manning, Gerard; Sudarsanam, Sucha; Martinez, Ricardo; Flanagan, Peter; Clary, Douglas
 PATENT ASSIGNEE(S): Sugan, Inc., USA
 SOURCE: PCT Int. Appl., 433 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001038503	A2	20010531	WO 2000-US32085	20001122
WO 2001038503	A3	20020131		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1240194	A2	20020918	EP 2000-982200	20001122
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003514583	T2	20030422	JP 2001-540254	20001122
PRIORITY APPLN. INFO.:			US 1999-167482P	A1 19991124
			WO 2000-US32085	W 20001122

L24 ANSWER 32 OF 58 HCAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2001:368058 HCAPLUS
 DOCUMENT NUMBER: 135:328609
 TITLE: Novel type of signaling molecules: protein kinases covalently linked with ion channels
 AUTHOR(S): Ryazanova, L. V.; Pavur, K. S.; Petrov, A. N.;

CORPORATE SOURCE: Dorovkov, M. V.; Ryazanov, A. G.
 Department of Pharmacology, Robert Wood Johnson
 Medical School, University of Medicine and Dentistry
 of New Jersey, Piscataway, NJ, 08854, USA

SOURCE: Molecular Biology (Moscow, Russian Federation, English
 Language) (Translation of Molekulyarnaya Biologiya)
 (2001), 35(2), 271-283
 CODEN: MOLBBJ; ISSN: 0026-8933

PUBLISHER: MAIK Nauka/Interperiodica Publishing

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 33 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:756836 HCAPLUS

DOCUMENT NUMBER: 133:318300

TITLE: Human homologs of Drosophila fused gene and protein

INVENTOR(S): Mosca, Monica; Isacchi, Antonella

PATENT ASSIGNEE(S): Pharmacia & Upjohn S.p.A, Italy

SOURCE: PCT Int. Appl., 64 pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000063352	A2	20001026	WO 2000-EP2761	20000329
WO 2000063352	A3	20010201		
W:		AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
RW:		GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
EP 1171580	A2	20020116	EP 2000-926771	20000329
R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO		
JP 2002541837	T2	20021210	JP 2000-612431	20000329
PRIORITY APPLN. INFO.:			GB 1999-8798	A 19990416
			WO 2000-EP2761	W 20000329

L24 ANSWER 34 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:756527 HCAPLUS

DOCUMENT NUMBER: 133:325643

TITLE: Antifibrotic formulations containing inhibitors of
 cell-volume-regulated **human kinase**
 h-sgk

INVENTOR(S): Lang, Florian; Waldegger, Siegfried; Wagner, Carsten;
 Broer, Stefan; Klingel, Karin

PATENT ASSIGNEE(S): Germany

SOURCE: PCT Int. Appl., 32 pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000062781	A1	20001026	WO 2000-EP3578	20000419
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19917990	A1	20001102	DE 1999-19917990	19990420
BR 2000009914	A	20020108	BR 2000-9914	20000419
EP 1171131	A1	20020116	EP 2000-922655	20000419
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002542196	T2	20021210	JP 2000-611917	20000419
NO 2001005054	A	20011214	NO 2001-5054	20011017
PRIORITY APPLN. INFO.: DE 1999-19917990 A 19990420 WO 2000-EP3578 W 20000419				
REFERENCE COUNT:		17	THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT	

L24 ANSWER 35 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:668346 HCAPLUS

DOCUMENT NUMBER: 134:14614

TITLE: SPAK, a STE20/SPS1-related kinase that activates the p38 pathway

AUTHOR(S): Johnston, Anne M.; Naselli, Gaetano; Gonez, L. Jorge; Martin, Roland M.; Harrison, Leonard C.; DeAizpurua, Henry J.

CORPORATE SOURCE: Autoimmunity and Transplantation Division, The Walter and Eliza Hall Institute of Medical Research, Parkville, 3050, Australia

SOURCE: Oncogene (2000), 19(37), 4290-4297
 CODEN: ONCNES; ISSN: 0950-9232

PUBLISHER: Nature Publishing Group

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 36 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:341453 HCAPLUS

DOCUMENT NUMBER: 133:131554

TITLE: Characterization of PDZ-binding kinase, a mitotic kinase

AUTHOR(S): Gaudet, Suzanne; Branton, Daniel; Lue, Robert A.

CORPORATE SOURCE: Department of Molecular and Cellular Biology, Harvard University, Cambridge, MA, 02138, USA

SOURCE: Proceedings of the National Academy of Sciences of the United States of America (2000), 97(10), 5167-5172
 CODEN: PNASA6; ISSN: 0027-8424

PUBLISHER: National Academy of Sciences

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 37 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:129376 HCAPLUS
DOCUMENT NUMBER: 132:290285
TITLE: PSK, a novel STE20-like kinase derived from prostatic carcinoma that activates the c-Jun N-terminal kinase mitogen-activated protein kinase pathway and regulates actin cytoskeletal organization
AUTHOR(S): Moore, Tanya M.; Garg, Ritu; Johnson, Caroline; Coptcoat, Malcolm J.; Ridley, Anne J.; Morris, Jonathan D. H.
CORPORATE SOURCE: Molecular Oncology Laboratory, Department of Academic Surgery, Rayne Institute, King's College School of Medicine and Dentistry, London, SE5 9NU, UK
SOURCE: Journal of Biological Chemistry (2000), 275(6), 4311-4322
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 77 THERE ARE 77 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 38 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1999:315403 HCAPLUS
DOCUMENT NUMBER: 131:99243
TITLE: Characterization of a novel type of **serine/threonine** kinase that specifically phosphorylates the human Goodpasture antigen
AUTHOR(S): Raya, Angel; Revert, Fernando; Navarro, Samuel; Saus, Juan
CORPORATE SOURCE: Fundacion Valenciana de Investigaciones Biomedicas, Instituto de Investigaciones Citologicas, Valencia, 46010, Spain
SOURCE: Journal of Biological Chemistry (1999), 274(18), 12642-12649
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 39 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1999:297827 HCAPLUS
DOCUMENT NUMBER: 131:140207
TITLE: Human Minibrain Homologue (MNBH/DYRK1): Characterization, Alternative Splicing, Differential Tissue **Expression**, and Overexpression in Down Syndrome
AUTHOR(S): Guimera, Jordi; Casas, Caty; Estivill, Xavier; Pritchard, Melanie
CORPORATE SOURCE: Medical and Molecular Genetics Center-IRO, Hospital Duran i Reynals, Barcelona, 08907, Spain
SOURCE: Genomics (1999), 57(3), 407-418
CODEN: GNMCEP; ISSN: 0888-7543
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 40 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1999:42532 HCAPLUS

DOCUMENT NUMBER: 130:106933

TITLE: A human homolog of the rat serum glucocorticoid-regulated kinase and a cDNA encoding it

INVENTOR(S): Kumar, Sanjay; Zou, Cheng

PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA

SOURCE: Eur. Pat. Appl., 27 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 889127	A1	19990107	EP 1998-304830	19980618
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CA 2235785	AA	19990101	CA 1998-2235785	19980623
JP 11123086	A2	19990511	JP 1998-186223	19980701
US 2001027184	A1	20011004	US 2001-784249	20010215
PRIORITY APPLN. INFO.:			US 1997-51446P	P 19970701
			US 1997-997212	A 19971223
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L24 ANSWER 41 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1998:513247 HCAPLUS

DOCUMENT NUMBER: 129:240625

TITLE: Human ULK1, a novel **serine/threonine** kinase related to UNC-51 kinase of *Caenorhabditis elegans*: cDNA **cloning, expression,** and chromosomal assignment

AUTHOR(S): Kuroyanagi, Hidehito; Yan, Jin; Seki, Naohiko; Yamanouchi, Yasuko; Suzuki, Yo-ichi; Takano, Takako; Muramatsu, Masa-aki; Shirasawa, Takuji

CORPORATE SOURCE: Department of Mol. Genetics, Tokyo Metropolitan Inst. of Gerontology, Tokyo, 173-0015, Japan

SOURCE: Genomics (1998), 51(1), 76-85

CODEN: GNMCEP; ISSN: 0888-7543

PUBLISHER: Academic Press

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 42 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1998:29361 HCAPLUS

DOCUMENT NUMBER: 128:152647

TITLE: Peutz-Jeghers syndrome is caused by mutations in a novel **serine threonine** kinase

AUTHOR(S): Jenne, Dieter E.; Reimann, Heike; Nezu, Jun-ichi; Friedel, Waltraut; Loff, Steffan; Jeschke, Reinhard; Muller, Oliver; Back, Walter; Zimmer, Michael

CORPORATE SOURCE: Dep. Neuroimmunol., Max-Planck-Inst. Psychiatry, Martinsried, 82152, Germany

SOURCE: Nature Genetics (1998), 18(1), 38-43

CODEN: NGENEC; ISSN: 1061-4036

PUBLISHER: Nature America

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 43 OF 58 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:705075 HCAPLUS
DOCUMENT NUMBER: 128:10745
TITLE: **Cloning** and partial sequencing of a novel
human activin receptor-like kinase
AUTHOR(S): Ohno, Tsukasa; Imai, Atsushi; Takagi, Atsushi; Horibe,
Shinji; Takagi, Hiroshi; Tamaya, Teruhiko
CORPORATE SOURCE: Department of Obstetrics and Gynecology, Gifu
University School of Medicine, Tsukasamachi, 500,
Japan
SOURCE: Oncology Reports (1997), 4(6), 1349-1351
CODEN: OCRPEW; ISSN: 1021-335X
PUBLISHER: Oncology Reports
DOCUMENT TYPE: Journal
LANGUAGE: English

L24 ANSWER 44 OF 58 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:702583 HCAPLUS
DOCUMENT NUMBER: 128:44418
TITLE: Identification of two novel human putative
serine/threonine kinases, VRK1 and
VRK2, with structural similarity to vaccinia virus B1R
kinase
AUTHOR(S): Nezu, Jun-ichi; Oku, Asuka; Jones, Michael H.;
Shimane, Miyuki
CORPORATE SOURCE: Gene Search Program, Chugai Res. Inst. Mol. Med.,
Niihari, 300-41, Japan
SOURCE: Genomics (1997), 45(2), 327-331
CODEN: GNMCEP; ISSN: 0888-7543
PUBLISHER: Academic
DOCUMENT TYPE: Journal
LANGUAGE: English

L24 ANSWER 45 OF 58 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:316553 HCAPLUS
DOCUMENT NUMBER: 127:1463
TITLE: Human SAK related to the PLK/polo family of cell cycle
kinases shows high mRNA **expression** in
testis
AUTHOR(S): Karn, Thomas; Holtrich, Uwe; Wolf, Georg; Hock,
Bjoern; Strebhardt, Klaus; Ruebsamen-Waigmann, Helga
CORPORATE SOURCE: Chemotherapeutisches Forschungsinstitut, Frankfurt,
60596, Germany
SOURCE: Oncology Reports (1997), 4(3), 505-510
CODEN: OCRPEW; ISSN: 1021-335X
PUBLISHER: Oncology Reports
DOCUMENT TYPE: Journal
LANGUAGE: English

L24 ANSWER 46 OF 58 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:558103 HCAPLUS
DOCUMENT NUMBER: 125:239716
TITLE: A human homolog of Drosophila minibrain (MNB) is
expressed in the neuronal regions affected in
Down syndrome and maps to the critical region
AUTHOR(S): Guimera, Jordi; Casas, Caty; Pucharcos, Carles;
Solans, Asun; Domenech, Anna; Planas, Anna M.; Ashley,
Jennifer; Lovett, Michael; Estivill, Xavier;
Pritchard, Melanie A.

CORPORATE SOURCE: Mol. Genetics Dep., Cancer Res. Inst., Barcelona, 08907, Spain

SOURCE: Human Molecular Genetics (1996), 5(9), 1305-1310
CODEN: HMGEE5; ISSN: 0964-6906

PUBLISHER: Oxford University Press

DOCUMENT TYPE: Journal

LANGUAGE: English

L24 ANSWER 47 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1996:498524 HCAPLUS

DOCUMENT NUMBER: 125:215535

TITLE: prk, A cytokine-inducible human protein **serine** /**threonine** kinase whose **expression** appears to be down-regulated in lung carcinomas

AUTHOR(S): Li, Bo; Ouyang, Bin; Pan, Huiqi; Reissmann, Peter T.; Slamon, Dennis J.; Arceci, Robert; Lu, Luo; Dai, Wei

CORPORATE SOURCE: Div. Hematol. Oncol., Univ. Cincinnati Coll. Med., Cincinnati, OH, 45267, USA

SOURCE: Journal of Biological Chemistry (1996), 271(32), 19402-19408
CODEN: JBCHA3; ISSN: 0021-9258

PUBLISHER: American Society for Biochemistry and Molecular Biology

DOCUMENT TYPE: Journal

LANGUAGE: English

L24 ANSWER 48 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1996:366094 HCAPLUS

DOCUMENT NUMBER: 125:80511

TITLE: Human p21 protein-activated protein **serine** kinase p65 (PAK65) and a cDNA encoding it and its therapeutic applications

INVENTOR(S): Abo, Arie; Martin, George A.

PATENT ASSIGNEE(S): Onyx Pharmaceuticals, Inc., USA

SOURCE: U.S., 42 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5518911	A	19960521	US 1995-369780	19950106
US 5605825	A	19970225	US 1995-475682	19950607
CA 2209426	AA	19960711	CA 1996-2209426	19960105
WO 9620948	A1	19960711	WO 1996-US487	19960105
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9647560	A1	19960724	AU 1996-47560	19960105
AU 702308	B2	19990218		
EP 802921	A1	19971029	EP 1996-903482	19960105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
JP 10512143	T2	19981124	JP 1996-521283	19960105
US 5698445	A	19971216	US 1996-636036	19960422
US 5698428	A	19971216	US 1997-780833	19970110
US 6013464	A	20000111	US 1997-918509	19970822
US 6048706	A	20000411	US 1998-108262	19980701
PRIORITY APPLN. INFO.:			US 1995-369780	19950106
			US 1995-475682	19950607
			WO 1996-US487	19960105
			US 1997-780833	19970110

- L24 ANSWER 49 OF 58 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:312447 HCAPLUS
DOCUMENT NUMBER: 125:27254
TITLE: **Cloning** and characterization of GRB14, a novel member of the GRB7 gene family
AUTHOR(S): Daly, Roger J.; Sanderson, Georgina M.; Janes, Peter W.; Sutherland, Robert L.
CORPORATE SOURCE: Cancer Biol. Div., Garvan Inst. Med. Res., New South Wales, 2010, Australia
SOURCE: Journal of Biological Chemistry (1996), 271(21), 12502-12510
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
- L24 ANSWER 50 OF 58 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:117590 HCAPLUS
DOCUMENT NUMBER: 124:224537
TITLE: 3pK, a new mitogen-activated protein kinase-activated protein kinase located in the small cell lung cancer tumor suppressor gene region
AUTHOR(S): Sithanandam, Gunamani; Latif, Farida; Duh, Fuh-Mei; Bernal, Ricardo; Smola, Ute; Li, Hua; Kuzmin, Igor; Wixler, Viktor; Geil, Laura; et al.
CORPORATE SOURCE: Biological Carcinogenesis Development Program, PRI/DynCorp, Frederick, MD, 21702-1201, USA
SOURCE: Molecular and Cellular Biology (1996), 16(3), 868-76
CODEN: MCEBD4; ISSN: 0270-7306
PUBLISHER: American Society for Microbiology
DOCUMENT TYPE: Journal
LANGUAGE: English
- L24 ANSWER 51 OF 58 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:727998 HCAPLUS
DOCUMENT NUMBER: 123:277512
TITLE: A human homolog of the Drosophila tumor suppressor gene 1(2)gl maps to 17p11.2-12 and codes for a cytoskeletal protein that associates with nonmuscle myosin II heavy chain
AUTHOR(S): Strand, Dennis; Unger, Sylvia; Corvi, Raffaella; Hartenstein, Kirsten; Schenkel, Heide; Kalms, Andreas; Merdes, Gunter; Neumann, Beate; Krieg-Schneider, Frank
CORPORATE SOURCE: Dep. of Developmental Genetics, Deutsches Krebsforschungszentrum, Heidelberg, D-69120, Germany
SOURCE: Oncogene (1995), 11(2), 291-301
CODEN: ONCNES; ISSN: 0950-9232
PUBLISHER: Macmillan Scientific & Medical Division
DOCUMENT TYPE: Journal
LANGUAGE: English
- L24 ANSWER 52 OF 58 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:613945 HCAPLUS
DOCUMENT NUMBER: 123:50541
TITLE: Characterization of myotonic dystrophy kinase (DMK) protein in human and rodent muscle and central nervous tissue
AUTHOR(S): Whiting, Elisabeth J.; Waring, James D.; Tamai,

Katsuyuki; Somerville, Martin J.; Hincke, Maxwell;
Staines, William A.; Ikeda, Joh-E.; Korneluk, Robert
G.

CORPORATE SOURCE: Dep. Microbiol. Immunol., Univ. Ottawa, Ottawa, ON,
Can.
SOURCE: Human Molecular Genetics (1995), 4(6), 1063-72
CODEN: HMGEE5; ISSN: 0964-6906
PUBLISHER: Oxford University Press
DOCUMENT TYPE: Journal
LANGUAGE: English

L24 ANSWER 53 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:695669 HCAPLUS

DOCUMENT NUMBER: 121:295669

TITLE: Identification and characterization of DBK, a novel
putative **serine/threonine** protein
kinase from human endothelial cells

AUTHOR(S): Chu, Wei; Presky, David H.; Danho, Waleed; Swerlick,
Robert A.; Burns, Daniel K.

CORPORATE SOURCE: Dep. Inflammation/Autoimmune Diseases, Hoffman-La
Roche Inc., Nutely, NJ, USA

SOURCE: European Journal of Biochemistry (1994), 225(2),
695-72

CODEN: EJBCAI; ISSN: 0014-2956

DOCUMENT TYPE: Journal

LANGUAGE: English

L24 ANSWER 54 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:674996 HCAPLUS

DOCUMENT NUMBER: 121:274996

TITLE: A novel dual specificity phosphatase induced by serum
stimulation and heat shock

AUTHOR(S): Ishibashi, Toshio; Boattaro, Donald P.; Michieli,
Paolo; Kelley, Christine A.; Aaronson, Stuart A.

CORPORATE SOURCE: NCI, National Inst. Health, Bethesda, MD, 20892, USA

SOURCE: Journal of Biological Chemistry (1994), 269(47),
29897-902
CODEN: JBCHA3; ISSN: 0021-9258

PUBLISHER: American Society for Biochemistry and Molecular
Biology

DOCUMENT TYPE: Journal

LANGUAGE: English

L24 ANSWER 55 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:573842 HCAPLUS

DOCUMENT NUMBER: 121:173842

TITLE: **Cloning** of a novel putative protein kinase
having a leucine zipper domain from human
brain

AUTHOR(S): Reddy, Usha R.; Pleasure, David

CORPORATE SOURCE: Neurology Research, Children's Hosp. of Philadelphia,
Philadelphia, PA, 19104, USA

SOURCE: Biochemical and Biophysical Research Communications
(1994), 202(1), 613-20

CODEN: BBRCA9; ISSN: 0006-291X

DOCUMENT TYPE: Journal

LANGUAGE: English

L24 ANSWER 56 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:552099 HCAPLUS

DOCUMENT NUMBER: 121:152099

TITLE: Two novel human **serine/threonine**

kinases with homologies to the cell cycle regulating
Xenopus MO15, and NIMA kinases: **cloning** and
characterization of their **expression** pattern

AUTHOR(S): Levedakou, Eleni N.; He, Mei; Baptist, Edward W.;
Craven, Rolf J.; Cance, William G.; Welcsh, Piri L.;
Simmins, Andrew; Naylor, Susan L.; Leach, Robin J.; et
al.

CORPORATE SOURCE: Lineberger Comprehensive Cancer Center, University
North Carolina, Chapel Hill, NC, 27599, USA

SOURCE: Oncogene (1994), 9(7), 1977-88
CODEN: ONCNES; ISSN: 0950-9232

DOCUMENT TYPE: Journal

LANGUAGE: English

L24 ANSWER 57 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:477177 HCAPLUS

DOCUMENT NUMBER: 121:77177

TITLE: Differential **expression** of a novel protein
kinase in human B lymphocytes. Preferential
localization in the germinal center

AUTHOR(S): Katz, Paul; Wahlen, Gail; Kehrl, John H.

CORPORATE SOURCE: Lab. Immunoregul., Natl. Inst. Health, Bethesda, MD,
20892, USA

SOURCE: Journal of Biological Chemistry (1994), 269(24),
16802-9
CODEN: JBCHA3; ISSN: 0021-9258

DOCUMENT TYPE: Journal

LANGUAGE: English

L24 ANSWER 58 OF 58 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:318218 HCAPLUS

DOCUMENT NUMBER: 120:318218

TITLE: Induction and down-regulation of PLK, a human
serine/threonine kinase
expressed in proliferating cells and tumors

AUTHOR(S): Holtrich, Uwe; Wolf, Georg; Braeuninger, Andreas;
Karn, Thomas; Boehme, Beatrix; Ruebsamen-Waigmann,
Helga; Strebhardt, Klaus

CORPORATE SOURCE: Chermotherapeutisches Forschungsinst.,
Georg-Speyer-Haus, Frankfurt, 60596, Germany

SOURCE: Proceedings of the National Academy of Sciences of the
United States of America (1994), 91(5), 1736-40
CODEN: PNASA6; ISSN: 0027-8424

DOCUMENT TYPE: Journal

LANGUAGE: English

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(FILE 'HOME' ENTERED AT 08:54:44 ON 01 JUL 2003)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,
LIFESCI' ENTERED AT 08:55:32 ON 01 JUL 2003

L1 1090522 S KINASE?

L2 1344 S HUMAN (A)L1

L3 6013004 S CLON? OR EXPRESS? OR RECOMBINANT

L4 895 S L2 AND L3

L5 3305135 S BRAIN OR CEREBELUM OR PROSTATE OR TESTIS OR ADRENAL

L6 3654948 S THYROID OR PANCREAS OR HEART OR SALIVARY OR STOMACH

L7 209 S L4 AND L5

L8 105 S L4 AND L6

L9 249 S L7 OR L8

L10 202 DUP REM L9 (47 DUPLICATES REMOVED)
L11 374311 S SERINE OR THREONINE
L12 56 S L10 AND L11
E DONOHO G/AU
L13 62 S E3
L14 132 S E3-E9
E HILBUN E/AU
L15 54 S E3-E4
E TURNER C A/AU
L16 241 S E3-E9
E FRIEDRICH G/AU
L17 830 S E3
E ZAMBROWICZ B/AU
L18 75 S E3
L19 260 S E3-E9
E SANDS A T/AU
L20 120 S E3
L21 1293 S L12 OR L14 OR L15 OR L16 OR L17 OR L18 OR L20
L22 56 S L12 AND L21
L23 56 DUP REM L22 (0 DUPLICATES REMOVED)
L24 58 S L10 AND L21